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HIGH REYNOLDS NUMBER TESTS OF THE CAST 10-2/DOA 2
AIRFOIL IN THE LANGLEY 0.3-METER TRANSONIC CRYOGENIC
TUNNEL - PHASE II

3-in. chord

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SUMMARY

An ongoing cooperative airfoil research program has been established between the National Aeronautics and Space Administration (NASA) and the Deutsche Forschungs- und Versuchsanstalt für Luft- und Raumfahrt e. V. (DFVLR). The Langley 0.3-meter Transonic Cryogenic Tunnel (0.3-m TCT), with its unique test envelope and high Reynolds number capability, is being utilized for this program. This collaborative effort between NASA and the DFVLR will produce flight equivalent Reynolds number data on advanced supercritical type airfoils designed in the Federal Republic of Germany.

During the first series of tests in this cooperative effort, data were obtained on a 15.24 cm chord model of the CAST 10-2/DOA 2 airfoil. This report presents the experimental aerodynamic data obtained from tests of a 7.62 cm chord model of the CAST 10-2/DOA 2 airfoil in the 0.3-m TCT. This was the third of a series of tests conducted in the cooperative program. Test temperature was varied from 270 K to 110 K at pressures from 1.5 to 5.75 atmospheres. Mach number was varied from 0.60 to 0.80, and the Reynolds number (based on airfoil chord) was varied from 2 to 20 million. Descriptions of the 0.3-m TCT, the airfoil model, the test instrumentation, and the testing procedures are also included.

INTRODUCTION

With the successful development and operation of the Langley 0.3-meter Transonic Cryogenic Tunnel (0.3-m TCT) at the NASA Langley Research Center (refs. 1 and 2), it has become possible to test airfoils over a wide range of Reynolds numbers, including Reynolds numbers at or near full-scale values. NASA has made an effort to effectively use this new testing capability by establishing a collaborative NASA/DFVLR program to test advanced technology airfoils, designed in the Federal Republic of Germany, in the 0.3-m TCT. The objectives of the cooperative program are the following: (1) to provide an aerodynamic assessment of DFVLR and other German advanced technology airfoil designs at flight equivalent Reynolds numbers; (2) to provide a systematic indication of Reynolds number sensitivity for this class of advanced airfoils; (3) to enable an evaluation (from low to high Reynolds numbers) of current DFVLR and NASA analytical techniques; and (4) to provide an opportunity to correlate the 0.3-m TCT results with results from other major transonic wind tunnels (ref. 3).

This report presents the aerodynamic data obtained from tests in the 0.3-m TCT of a 7.62 cm chord model of the CAST 10-2/DOA 2 airfoil, the third model tested in the cooperative NASA/DFVLR series of tests. The present tests are also aimed at isolating the possible two-dimensional wall interference effects on data obtained in the 0.3-m TCT. This effort is made possible by the fact that a 15.24 cm chord version of the CAST 10-2/DOA 2 airfoil was tested in the 0.3-m TCT as the first series of tests in this cooperative program (ref. 4). In order to expedite the publication of these advanced results, this report presents, without analysis, the data from tests of the 7.62 cm chord model in the 0.3-m TCT.

SYMBOLS

The measurements of this investigation are presented in the International System of Units (SI). The symbols in brackets are those used on computer generated tables in the appendices.

b , [B]	airfoil model span, cm
c , [C]	airfoil model chord, cm
[CC]	section chord-force coefficient from airfoil pressures
c_d	section drag-force coefficient from wake measurements
[CD2] through [CD6]	section drag-force coefficients from wake measurements from pitot tubes on the traversing rake
c_m , [CM]	section pitching-moment coefficient about quarter-chord point
c_n , [CN]	section normal-force coefficient from airfoil pressures
c_{n_α}	slope of normal-force coefficient versus angle-of-attack
[CP]	pressure coefficient
M , [MACH]	free-stream Mach number
[MLOC]	local Mach number
[P, L/PT]	ratio of local static pressure to tunnel stagnation pressure
p_t , [PT]	tunnel stagnation pressure, atm
R_c , [RC]	Reynolds number based on airfoil chord
T_t , [TT]	tunnel stagnation temperature, K
$T_{t,min}$	minimum tunnel stagnation temperature based on free-stream saturation, K
x , [X]	airfoil abscissa, cm
y , [Y]	spanwise distance along model from centerline of tunnel and model, cm
z	airfoil ordinate, cm
α , [ALPHA]	uncorrected angle-of-attack, deg

WIND TUNNEL AND MODEL

Wind Tunnel

The airfoil was tested in the 20 cm x 60 cm two-dimensional test-section insert of the 0.3-m TCT. The 0.3-m TCT is a continuous flow, single-return, fan-driven wind tunnel which uses nitrogen as a test gas. A photograph and schematic drawing of the tunnel are shown in figures 1(a) and 1(b), respectively. The operating temperature range of the 0.3-m TCT is from about 78 K to 327 K with stagnation pressures ranging from slightly greater than 1 atmosphere to 6 atmospheres. With the two-dimensional test section installed, the test-section Mach number can be varied from 0.05 to about 0.9. The ability to operate at cryogenic temperatures and 6 atmospheres pressure provides an extremely high Reynolds number capability at relatively low model loadings. In addition, the unique ability to vary pressure and temperature independently of Mach number provides independent control and assessment of aeroelastic, viscous, and compressibility effects on the aerodynamic parameters being measured. The Reynolds number and Mach number capabilities of the tunnel are shown in figure 2.

A photograph and sketch of the 20 cm x 60 cm two-dimensional test section are shown in figures 3(a) and 3(b). Figure 3(a) is a top-view of the test section with the plenum lid and test section ceiling removed. This test section, which features a slotted floor and ceiling, incorporates computer-driven angle-of-attack and momentum rake systems. The angle-of-attack mechanism has a traversing range of ± 20 degrees which can be offset from zero degrees in either direction at model installation. The momentum rake, located just downstream of the airfoil, provides up to six total pressure measurements across slightly more than half the width of the tunnel. This test section also features removable model modules, one of which is shown in figure 4 in the raised position following the removal of the plenum lid and test section ceiling. There is also provision for test section side wall boundary layer removal just upstream of the model; however, this system was not used during these tests. Additional design features and characteristics of the 0.3-m TCT are presented in references 2 and 5.

3 inches. Model

Model design and fabrication.— The Dornier GmbH designed CAST 10-2/DOA 2 is a 12.1-percent-thick advanced technology airfoil (ref. 6). The airfoil model used during these tests has a chord of 7.62 cm. Table 1 lists both the design and measured section coordinates for the model which was designed and built at the DFVLR Research Center in Goettingen, Federal Republic of Germany.

The model was made of German code 1.4980 stainless steel (similar to AISI 660 stainless steel). The fabrication procedure for the model consisted of the following steps. Initially, the upper and lower model halves were pre-milled to rectangular blocks, followed by the stepwise milling of these blocks to approximate the final airfoil contours. These model halves were subsequently heat treated at the temperature to be used for brazing (1120° C) in order to avoid warpage during the brazing processes.

The next step consisted of milling and electrically discharging channels in the inside surfaces of both halves of the model for the pressure tubing. In addition, elongated slots called "solder deposits" were milled out of the inside surface of the lower half to provide reservoirs for the silver solder to be used in the brazing

process. Sockets were then drilled in the channels to near the intended airfoil surface to accommodate 1.2 mm outside diameter stainless steel pressure tubing. The tubes were positioned and silver soldered in place, and the solder deposits were filled for the subsequent brazing process. Following that, the model dimensions were checked, the mating surfaces were cleaned, and the model halves were fitted and clamped together. The model halves were then joined together by brazing in a protective atmosphere. During this brazing process, the silver solder ran from the solder deposits by capillary action and thus distributed solder to the inside surfaces for the braze joint. A final check for possible model deformation was performed following this brazing process.

The next stage of model construction consisted of relieving any residual stresses in the assembled model by cooling it to liquid nitrogen (LN_2) temperatures and then rewarming it to ambient temperatures. Subsequently, the model was contoured by numerical milling, the surfaces hand finished, and the static pressure orifices drilled normal to the model surfaces to meet the tubes. Finally, another check of the model contour was performed. Additional details on the model design and construction techniques are given in reference 7.

Figure 5 shows the model installed in the 0.3-m TCT two-dimensional test section. In this view, the plenum lid and test section ceiling have been removed and the upper surface of the model can be seen.

The model is equipped with 53 static pressure orifices each having a nominal diameter of 0.3 mm. Figure 6 is a schematic drawing showing the general location of the orifices on the upper and lower surfaces of the model. Table 2 lists the x/c and $y/(b/2)$ location for each orifice.

Model accuracy and integrity.— Past experience has shown that many metals undergo relatively drastic and irreversible changes in shape when exposed to a cryogenic environment. This has been vividly seen in some of the airfoil models built for testing in the 0.3-m TCT. For some of the models, the post-test model shapes have been found to be drastically different from the pre-test shapes. Procedures have been established in order to try to alleviate this problem. It is now standard practice that all airfoil models intended for testing in the 0.3-m TCT must be thermally cycled to cryogenic temperatures during the fabrication process in order that they might stabilize before the final model validation check.

The DFVLR cycled the CAST 10-2/DOA 2 model between room and LN_2 temperature several times during the fabrication process and each time the model surface contour checked out successfully. When the model was received by NASA, a check of the model contour was performed in order to verify that the model represented the DFVLR's proposed airfoil shape and to establish a baseline for post-test measurements to determine possible model deformation. The model contours were measured using a "validator," which under ideal conditions has an accuracy of 0.00127 cm. The pre-test measurements of the airfoil model agreed closely with the DFVLR's proposed airfoil shape.

The results reported herein were obtained during fifty-four runs over a pressure range from 1.5 to 5.75 atmospheres. The model was subsequently used for condensation studies at extremely low temperatures in the 0.3-m TCT. Post-test measurements of the model contours agreed with those obtained during pre-test measurements. Post-test inspection of the model showed no structural damage, cracking, or erosion. The model in all respects was considered to be of good design and construction and fully acceptable for testing in a cryogenic wind tunnel.

INSTRUMENTATION

A detailed discussion of the instrumentation and procedures selected for the calibration and control of the 0.3-m TCT can be found in reference 8. However, brief discussions of instrumentation related to the derivation of the primary airfoil data are presented herein.

Pressure Instrumentation.- For two-dimensional airfoil tests, the 0.3-m TCT is equipped to obtain static-pressure measurements on the airfoil surface, total head measurements in the airfoil wake, and static-pressure measurements on the test section sidewalls, floor, and ceiling. The pressures were measured using individual transducers except for the tunnel floor and ceiling pressures which were measured using a scanning valve system capable of operating ten 48-port scanning valves. Because of the large changes in pressure of the tunnel over its operational range, commercially available high-precision variable capacitive pressure transducers are used instead of conventional strain-gage pressure transducers.

Pressure transducers with a maximum range of 6.8 atmospheres are used for model and tunnel wall pressures. More sensitive transducers, having a maximum range of 1.36 atmospheres, are used for pressure measurements in the airfoil wake. The transducers have an accuracy of ± 0.25 percent of reading from -25 percent to 100 percent of full scale. A total of 81 pressure channels were used for this test.

Traversing Wake-Survey Probe.- A computer-controlled vertical traversing probe system is located on the left sidewall of the two-dimensional test section downstream of the turntable (fig. 3b). The mechanism has a traversing range of 25.4 cm. The probe support can be located with the probe measurement plane at either tunnel station 21.0 cm or 26.0 cm. For this test, the measurements were made at the 21.0 cm station which placed the measurement plane about 2.16 chord lengths downstream of the airfoil trailing-edge. The primary purpose of this system is to survey the total pressures in the airfoil wake by using a pitot-tube survey rake. Details of the multitube pitot rake are shown in figure 7. Nine pitot probes are mounted on the assembly. Five of the pitot probes were used during the present tests. Tunnel sidewall static-pressure taps are also provided in the plane of the pitot probes for use in the determination of the airfoil drag coefficient. Individual transducers are used for each tube on the probe assembly in order to keep pressure response time low. The vertical position of the probe is recorded by the data acquisition system using the output from a digital shaft encoder geared to the probe drive mechanism. Through computer control, the wake survey probe is synchronized with the scanning valves so that the probe is moved to a different vertical location each time the scanning valves are advanced to a new port.

0.3-m TCT DATA ACQUISITION SYSTEM

For the present study, data from the 0.3-m TCT was recorded on magnetic tape on a computer controlled high-speed digital data acquisition system located in the control room of the 0.3-m TCT. This system has a total of 192 analog channels of recording capability with a maximum range of 131 mV and a resolution of 1 part in 8191. All analog data were filtered with a 10 Hz low pass filter. An operating and acquisition program is used by the computer to scan the data acquisition hardware and to write the raw data on tape.

Through the use of a "real-time program," the computer calculates and provides real-time displays and plots of the various aerodynamic parameters and controls both the angle of attack and wake-survey-probe drive systems. The computer uses this program to correct the Mach number for real-gas effects and tunnel calibration and to calculate the local pressure ratios and pressure coefficients. The pressure coefficients are integrated around the airfoil in order to calculate c_n and c_m . The section drag-force coefficient, c_d , is calculated by integration of the total head loss through the airfoil wake. In addition, this program interfaces the computer with an intelligent graphics terminal which produces plots of the various aerodynamic parameters. These plots can be sent to a plotter/printer which produces hard copies if desired.

TEST PROGRAM

An effort was made by DFVLR and NASA engineers to establish a test program that overlapped the tests of the 15.24 cm chord model of the CAST 10-2/DOA 2 airfoil which was the first model tested in the cooperative NASA/DFVLR program. The overall aim was to establish the effects of transition (fixed and free), Reynolds number, and Mach number on the flow development. Figure 8 shows the Reynolds number and Mach number ranges for this test. Test temperature was varied from 270 K to 110 K at pressures from 1.5 to 5.75 atmospheres. The maximum angle of attack range was from -1 to +9 degrees.

TEST PROCEDURES

Pressure data.- For the tests reported herein, 10 samples of the airfoil static pressure data were taken per scan for the model. Due to the addition of individual transducers for each orifice on the model, each sample of the data consisted of taking simultaneous static pressure readings from all orifices on the model. The averaging period per scan was half a second. These 10 samples were all taken while the rake was located at its first position. Ten samples of the total pressure were taken at each step (vertical position) of the rake. There was a half second delay time between each step of the rake, as well as a half second averaging period per step. Typically, for each α at each test condition, the rake was stepped 40 times through the wake. This resulted in a total of about 40 seconds being required to obtain the wake pressure measurements needed for the determination of airfoil drag at each α , whereas the airfoil pressures were acquired in the first half second.

Transition.- Transition strips, located on both the upper and lower surfaces, were used during a portion of the testing to evaluate their effect on the aerodynamic characteristics of the model. The leading edge of the upper surface strip was located at the 6-percent chord line and the leading edge of the lower surface strip was located at the 5-percent chord line. Figure 8 shows the test conditions for fixed transition. The strips consisted of 0.0229 mm diameter glass beads that were applied using a clear acrylic spray. The spray may have added some thickness to the resulting transition strips which were approximately 1.575 mm wide.

DATA REDUCTION

The test data were reduced according to a standard data reduction process described in an unpublished in-house manual. The normal force and pitching moment (at the quarter-chord) coefficients are calculated from a pressure integration around the airfoil. The total drag force coefficient is obtained from an integration of the total pressure decrement across the airfoil wake corrected for a threshold decrement, which accounts for any nonzero pressure decrement outside the wake. The threshold decrement used for this test is 0.0002. In order to compute the total drag, the threshold decrement is compared to the incremental drag for each rake tube at each rake position. If the incremental drag is greater than or equal to the threshold decrement, a weighting factor (incremental area) is applied and the incremental drag is included in the running sum of the total drag. If the incremental drag is less than the threshold decrement, the weighting factor is set to zero and the incremental drag is not included in the running sum of the total drag. The values of CD2 through CD6 in the appendices correspond to these total drag coefficients for the five rake pitot tubes used during these tests. These five tubes (2 through 6) are labeled in figure 7. Tube 2 is located at the centerline of the test section. The calculated drag coefficient from tube 2 is used in the plots, figures 10-21.

PRESENTATION OF RESULTS

The experimental data are presented without corrections for wind tunnel wall interference effects. Discussions of various methods for determining angle of attack and Mach number corrections are contained in references 9, 10, and 11.

Some of the data of the present investigation was taken after the onset of boundary-layer separation from the tunnel sidewalls; therefore, some caution should be exercised when using the data in this region. To aid the user in this respect, figure 9 is presented to show a conservative region of "acceptable" (i.e. absence of any indication of wall separation) airfoil data in terms of normal force coefficient and Mach number. This figure was derived by assessing the c_n slope trends and the drag characteristics across

the tunnel which were obtained from the multitube wake survey rake (fig. 7). For instance, if the data reflected a premature "break" or reduction in the variation of c_n with α and a noticeable inconsistency in the drag values across the tunnel, these trends were considered to be an indication of significant model induced sidewall boundary-layer separation. The region of "acceptable" data, as shown in figure 9, reflects the conditions at which there were no indications of abnormal variations in normal force or spanwise drag trends. This region is considered to be conservative because the drag rake measurements were taken 2.16 chord lengths downstream of the airfoil trailing-edge at a position where the "growth" of spanwise flow would be more extensive than at the model station.

All of the pressure data as well as the remainder of the tabulated results are presented in the appendices. Appendix A contains the transition free tabulated data and Appendix B contains the transition fixed tabulated data. An outline of the plotted data presented herein follows:

Figure

Force and moment characteristics, transition free.

$R_C = 2.0 \times 10^6$	.....	10
$R_C = 4.0 \times 10^6$	.....	11
$R_C = 6.0 \times 10^6$	.....	12
$R_C = 10.0 \times 10^6$	.....	13
$R_C = 15.0 \times 10^6$	.....	14
$R_C = 20.0 \times 10^6$	.....	15

Effect of fixing transition on force and moment characteristics.

$R_C = 4.0 \times 10^6$	.....	16
$R_C = 6.0 \times 10^6$	.....	17
$R_C = 10.0 \times 10^6$	.....	18
$R_C = 15.0 \times 10^6$	.....	19
$R_C = 20.0 \times 10^6$	.....	20

Effect of Reynolds number on force and moment characteristics.

Transition free	21
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CONCLUDING REMARKS

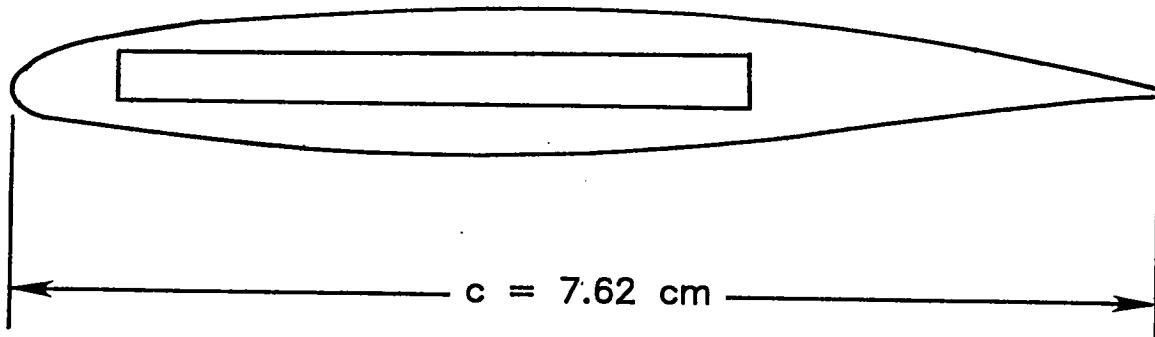
As part of a cooperative program between NASA and DFVLR, wind tunnel tests of a 7.62 cm chord model of the CAST 10-2/DOA 2 airfoil has been conducted in the Langley 0.3-m TCT at Mach numbers from 0.60 to 0.80 and Reynolds number (based on airfoil chord) from 2 to 20 million. During earlier tests, data were obtained on a 15.24 cm chord model of this same airfoil. The results of the present tests will, therefore, provide an opportunity to isolate the two-dimensional wall interference effects on airfoil data obtained in the 0.3-m TCT. The results are presented herein without analysis.

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TABLE 1.— SECTION COORDINATES OF CAST 10-2/DOA 2 AIRFOIL



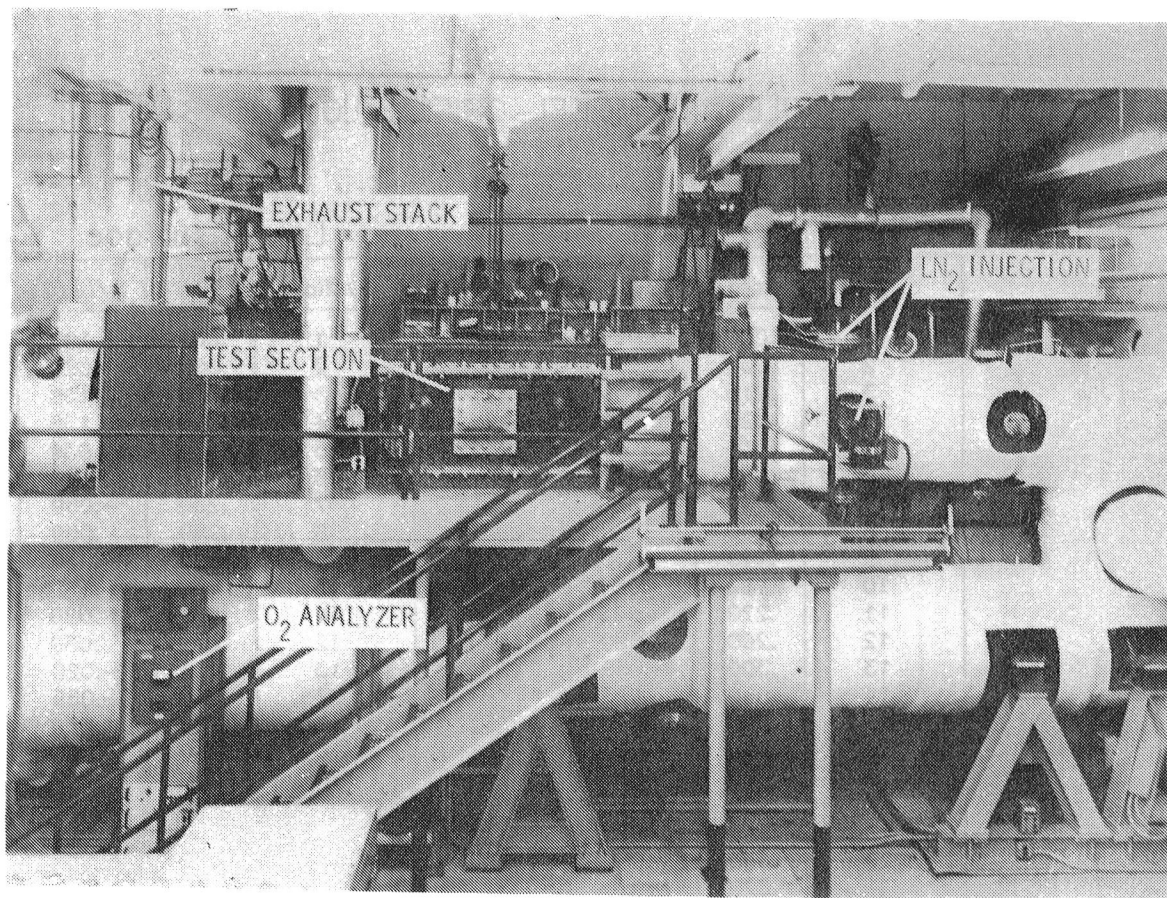
Upper Surface		
x/c	z/c	
	Design	Measured [†]
0.0	.0034	.0035
.0009	.0080	.0080
.0026	.0114	.0114
.0076	.0170	.0170
.0126	.0208	.0207
.0176	.0239	.0239
.0251	.0281	.0280
.0351	.0329	.0327
.0476	.0378	.0375
.0651	.0431	.0429
.0876	.0484	.0483
.1151	.0532	.0532
.1551	.0583	.0584
.2151	.0634	.0635
.2751	.0665	.0664
.3351	.0682	.0681
.3950	.0689	.0688
.4550	.0686	.0685
.5150	.0672	.0670
.5750	.0645	.0644
.6350	.0603	.0602
.6950	.0539	.0538
.7550	.0451	.0450
.8150	.0338	.0336
.8750	.0206	.0202
.9200	.0099	.0096
.9500	.0027	.0025
.9775	-.0040	-.0039
1.0000	-.0095	-.0089

Lower Surface		
x/c	z/c	
	Design	Measured
.0011	-.0016	-.0018
.0026	-.0038	-.0039
.0076	-.0073	-.0072
.0126	-.0091	-.0090
.0176	-.0105	-.0105
.0251	-.0122	-.0123
.0351	-.0144	-.0144
.0476	-.0170	-.0169
.0651	-.0201	-.0200
.0876	-.0238	-.0237
.1151	-.0277	-.0276
.1551	-.0327	-.0326
.2151	-.0392	-.0391
.2751	-.0447	-.0445
.3351	-.0491	-.0490
.3950	-.0521	-.0520
.4550	-.0532	-.0531
.5150	-.0520	-.0519
.5750	-.0486	-.0485
.6350	-.0435	-.0433
.6950	-.0375	-.0374
.7550	-.0313	-.0312
.8150	-.0255	-.0254
.8750	-.0206	-.0204
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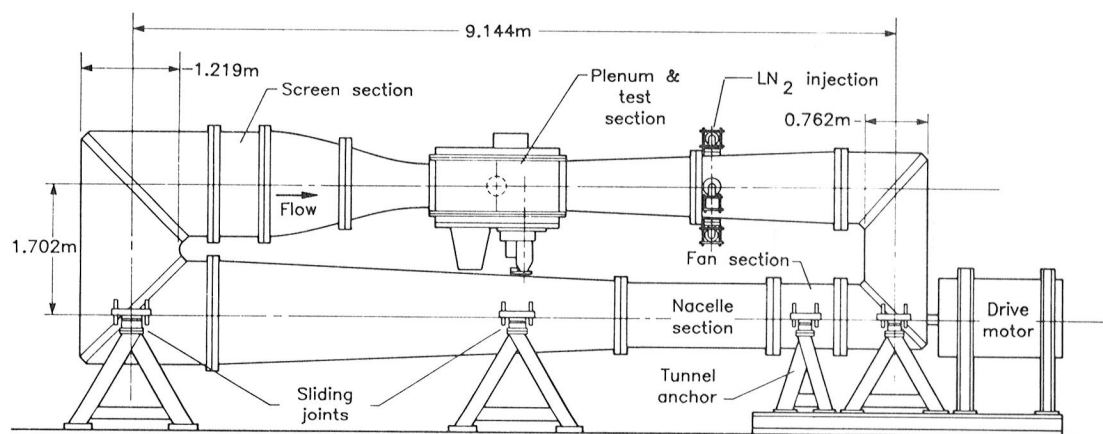
[†] Measurements made by DFVLR.

TABLE 2.— MODEL ORIFICE LOCATIONS

Upper surface			Lower surface		
Orifice	x/c	y/(b/2)	Orifice	x/c	y/(b/2)
1	0.000	-.059	1	.004	-.163
2	.004	.020	2	.008	.099
3	.015	.039	3	.026	-.138
4	.025	0.000	4	.050	.138
5	.040	.059	5	.100	.039
6	.060	-.020	6	.150	.020
7	.080	.020	7	.200	-.039
8	.100	-.059	8	.250	.059
9	.140	-.020	9	.350	-.020
10	.180	.059	10	.450	-.020
11	.220	.020	11	.550	.020
12	.260	-.020	12	.650	.059
13	.300	-.059	13	.750	-.020
14	.340	.059	14	.800	-.059
15	.380	.020	15	.850	.059
16	.420	-.020	16	.900	0.000
17	.460	-.059	17	.950	-.020
18	.500	0.000			
19	.540	.059			
20	.580	-.059			
21	.620	-.020			
22	.660	.020			
23	.700	.059			
24	.750	-.059			
25	.800	-.020			
26	.850	.020			
27	.924	-.059			
28	.975	-.039			
Additional spanwise orifices					
1	.500	.740			
2	↓	.543			
3		.345			
4		.148			
5		-.148			
6		-.543			
7		-.740			
	↓				



(a) Photograph.



(b) Schematic drawing.

Figure 1.— Elevation view of 0.3—m TCT with two—dimensional test section installed.

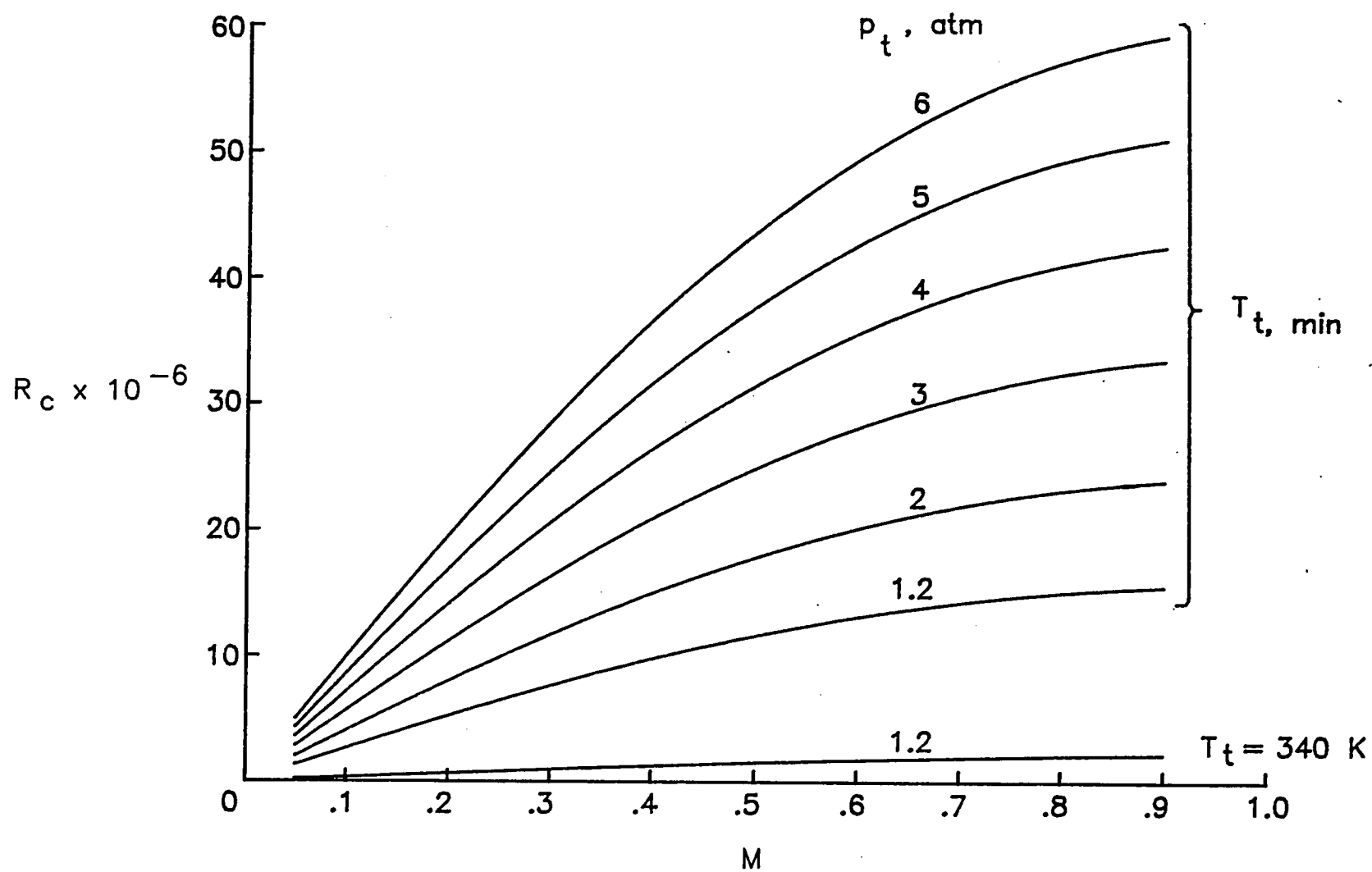
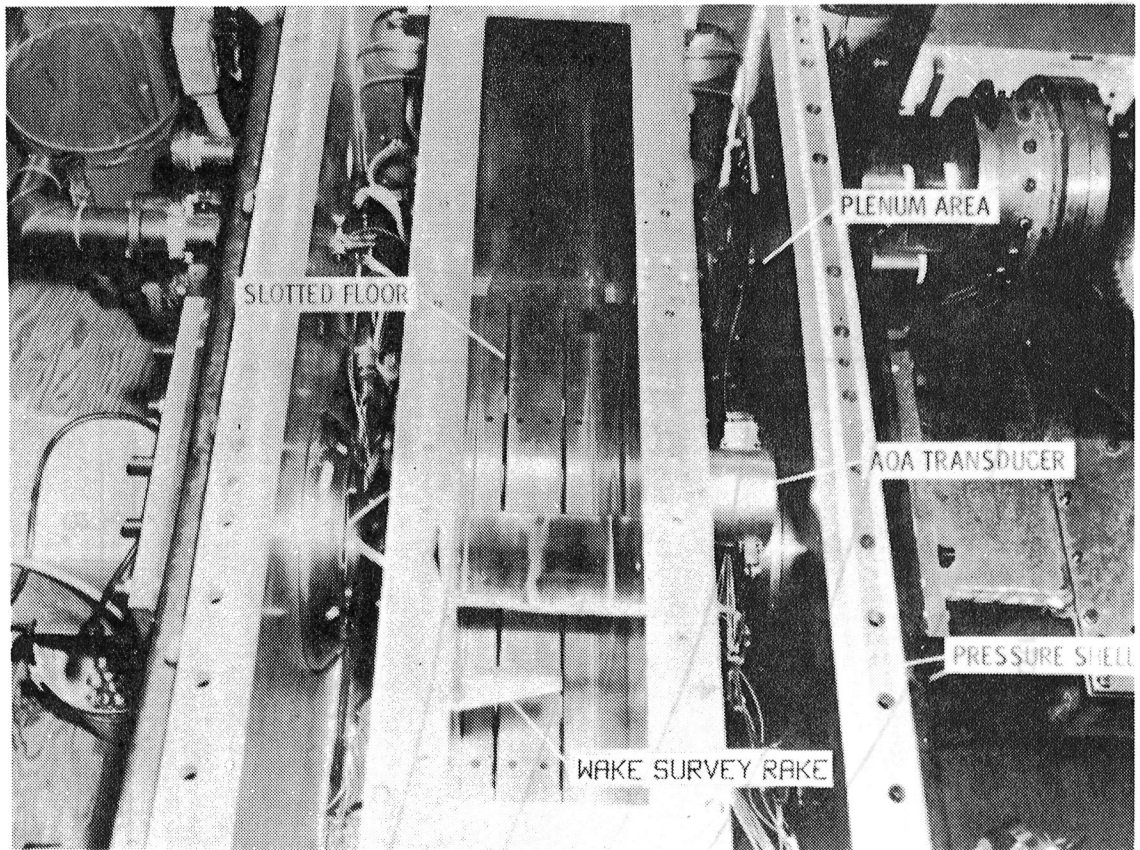
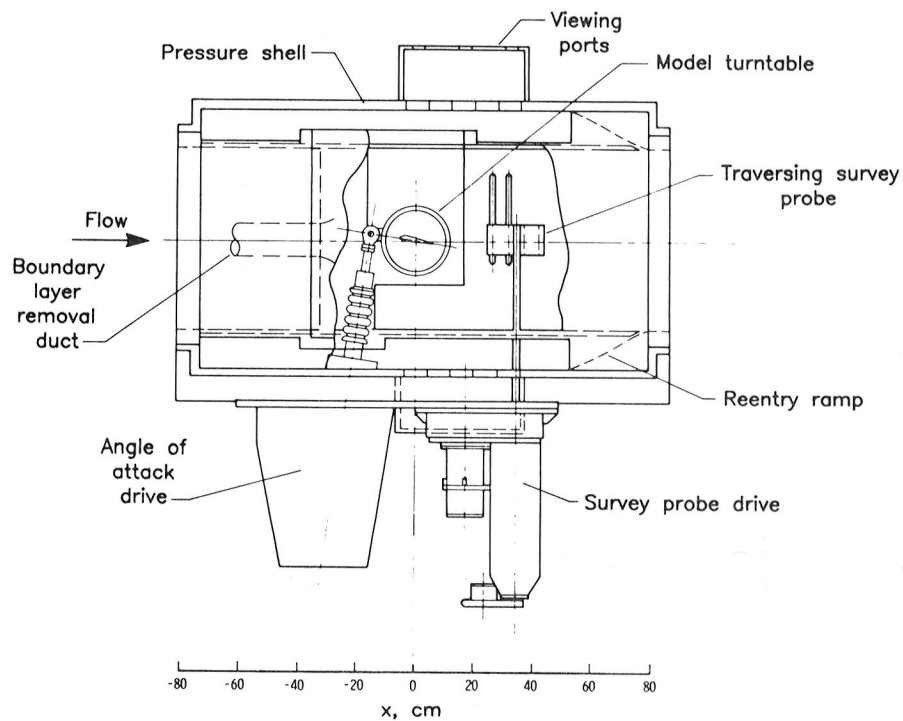


Figure 2.— Reynolds number capability of two-dimensional test section of 0.3-m TCT.



(a) Top-view photograph.



(b) Schematic drawing showing major components.

Figure 3.— Two-dimensional test section of 0.3-m TCT.

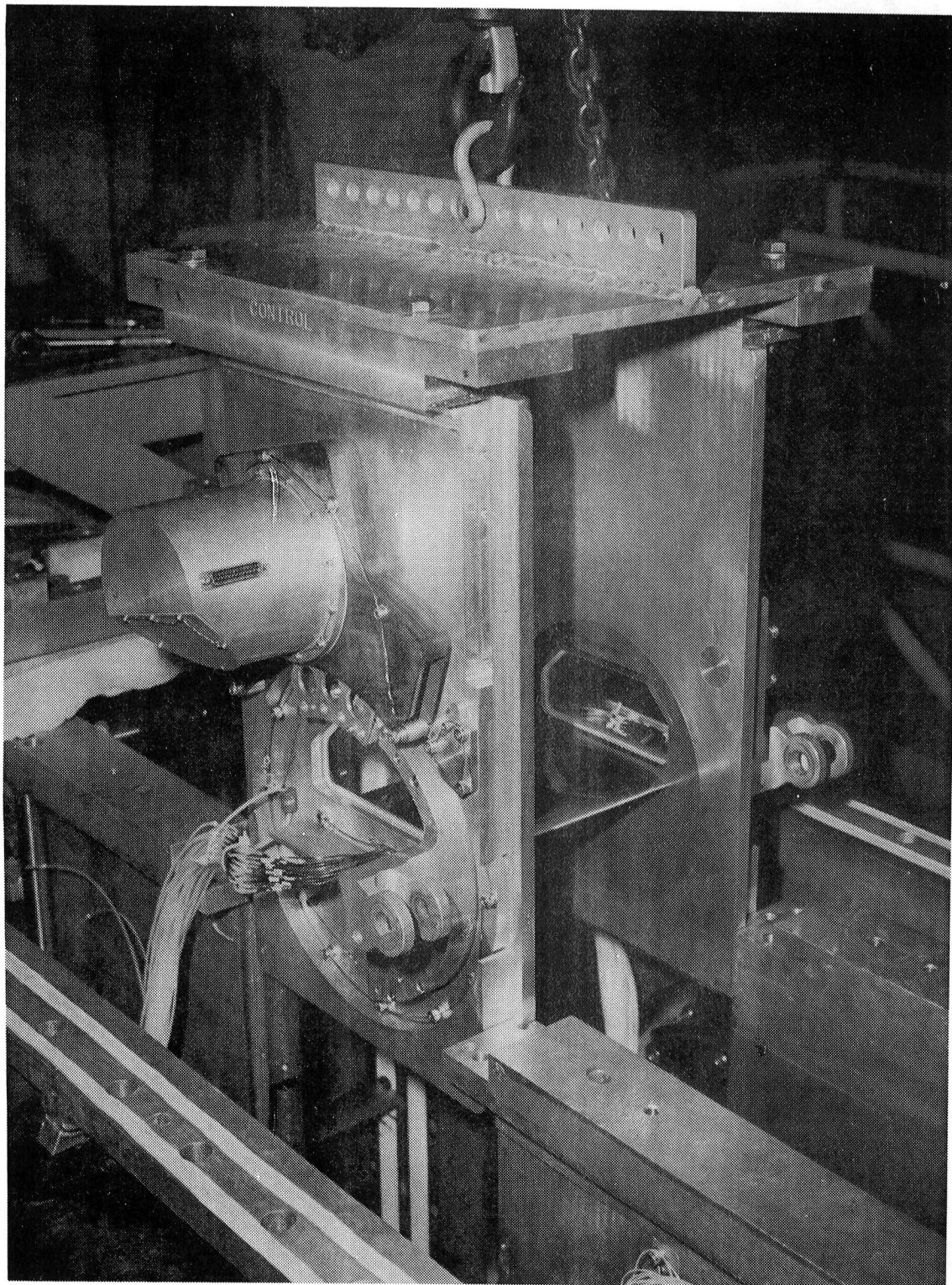


Figure 4.— Airfoil model installed in removable model module.



Figure 5.— 7.62 cm chord CAST 10-2/DOA 2 model
installed in two dimensional test section.

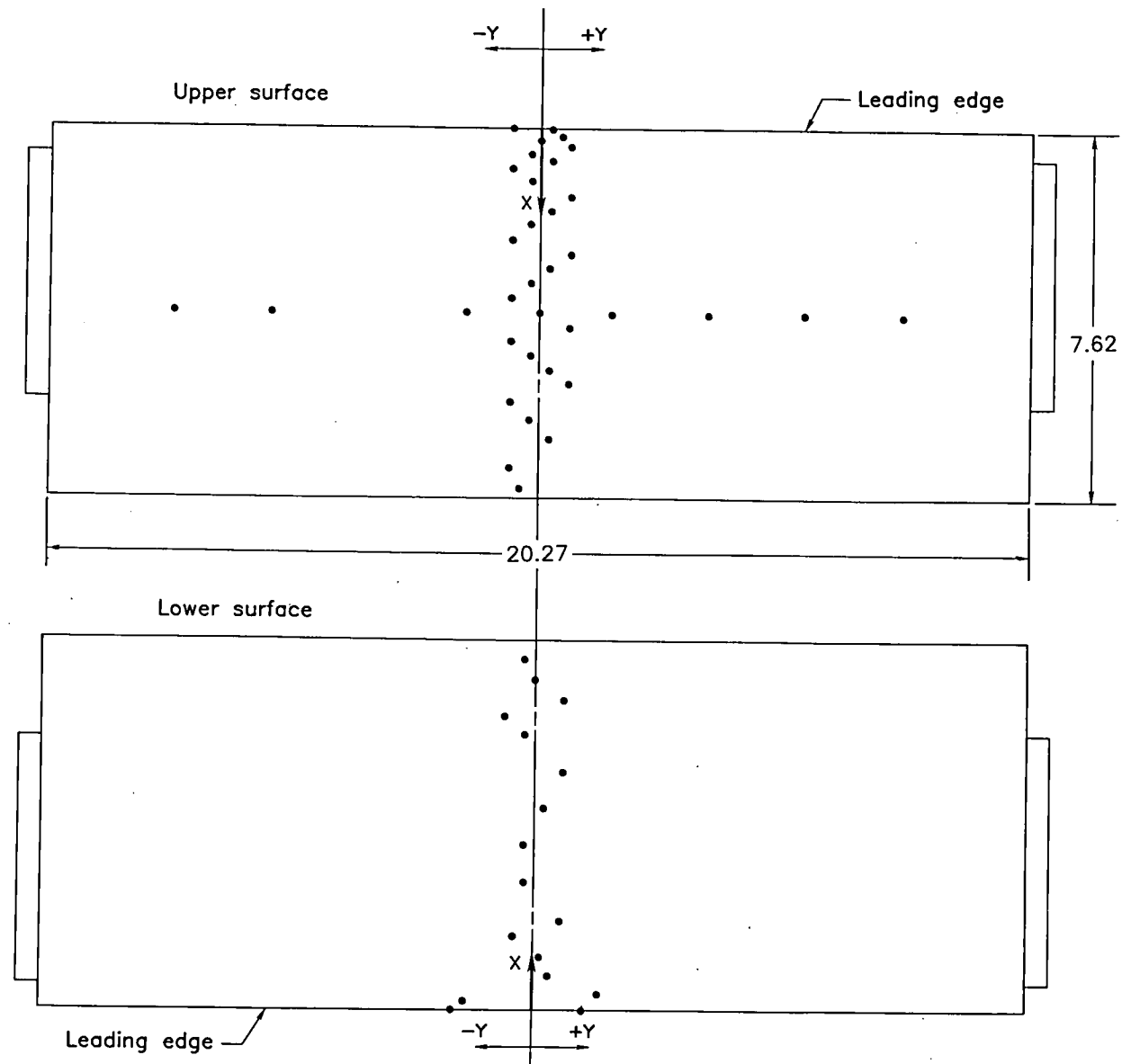


Figure 6.— Schematic drawing of the model showing orifice locations.
(Dimensions are in centimeters.)

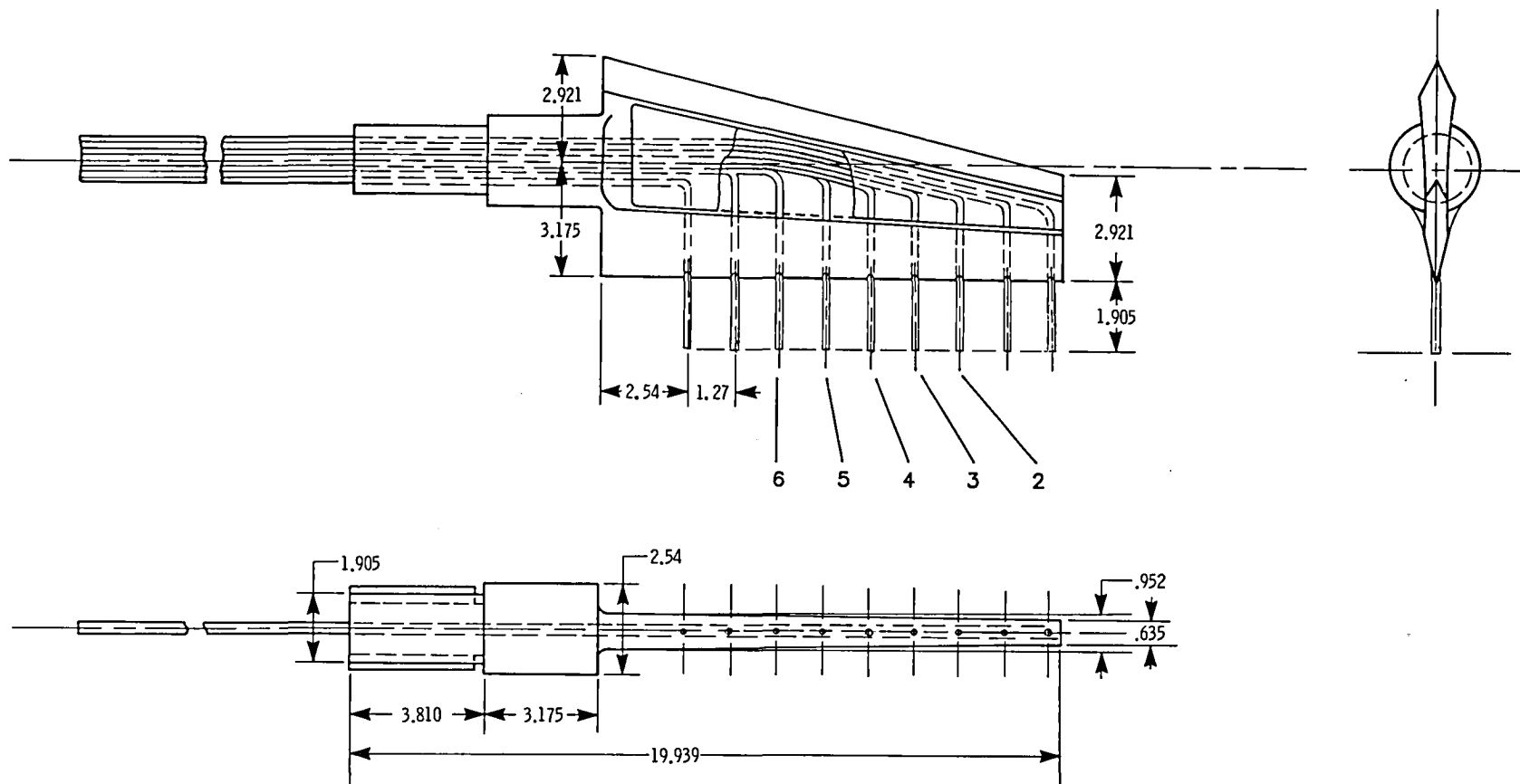


Figure 7.— Details of wake survey probe. All dimensions in cm.

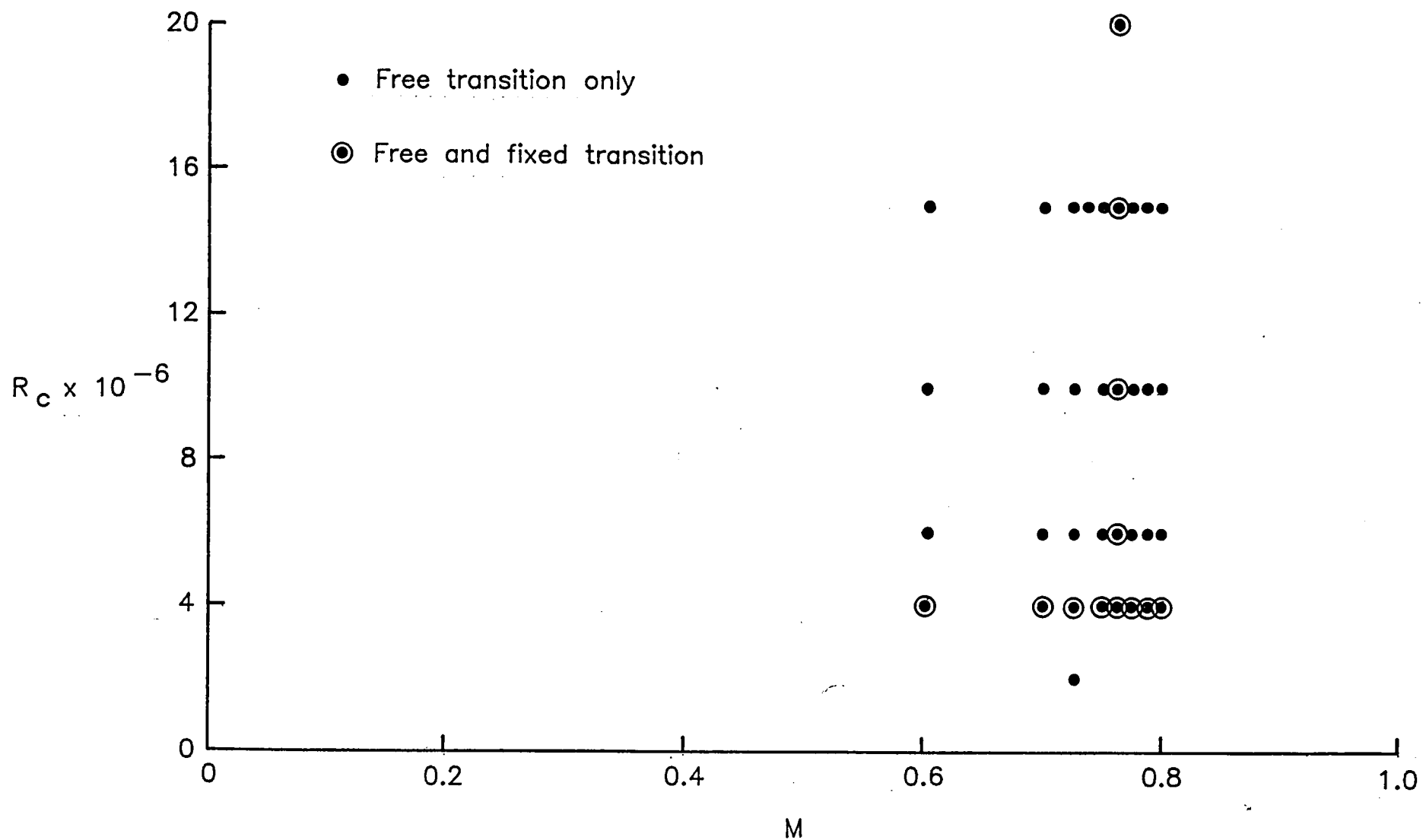


Figure 8.— Range of Reynolds number and Mach number used in test program.

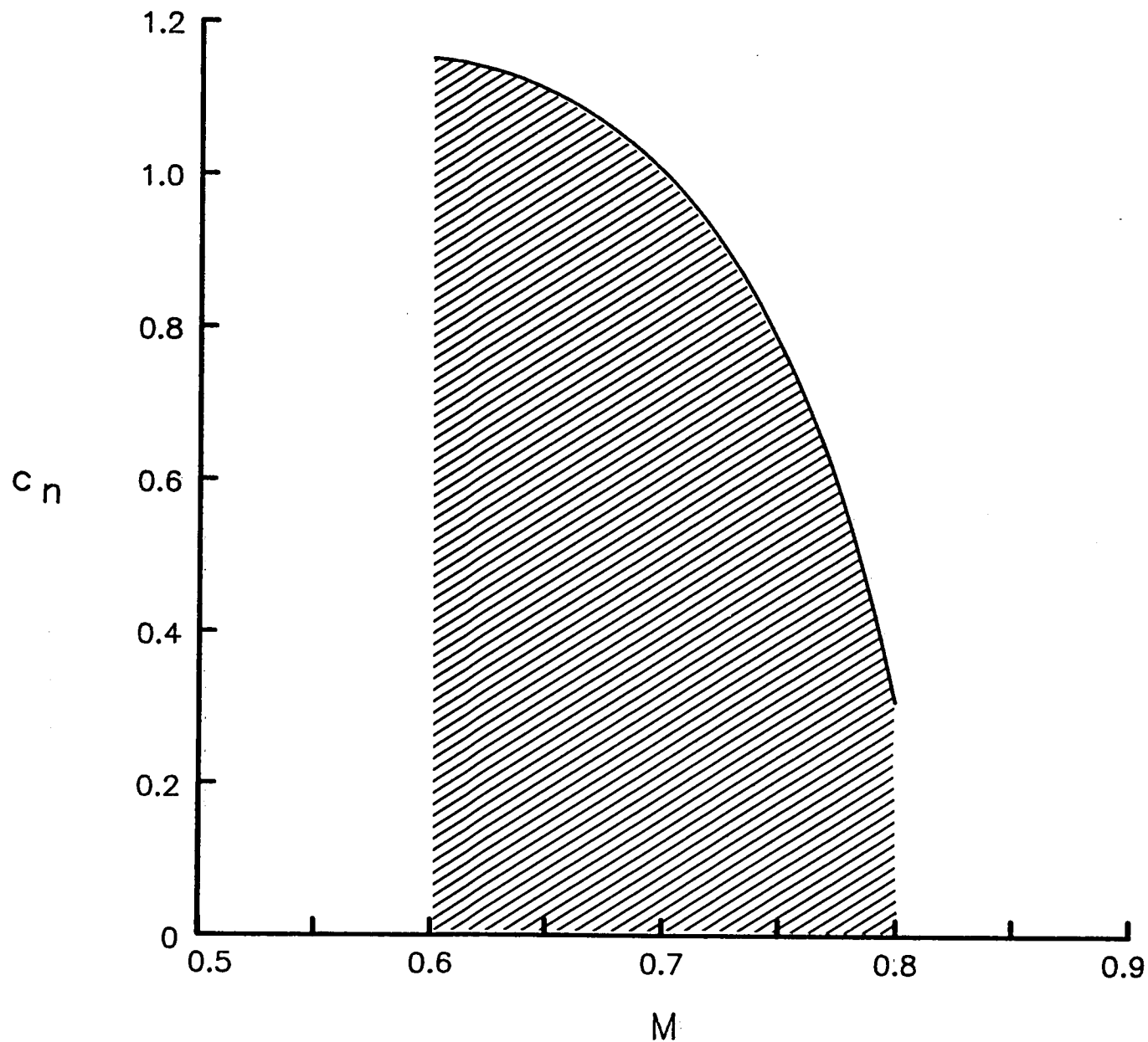


Figure 9.— "Usable" two-dimensional normal force data from tests of the CAST 10-2/DOA 2 airfoil in the 0.3-m TCT.

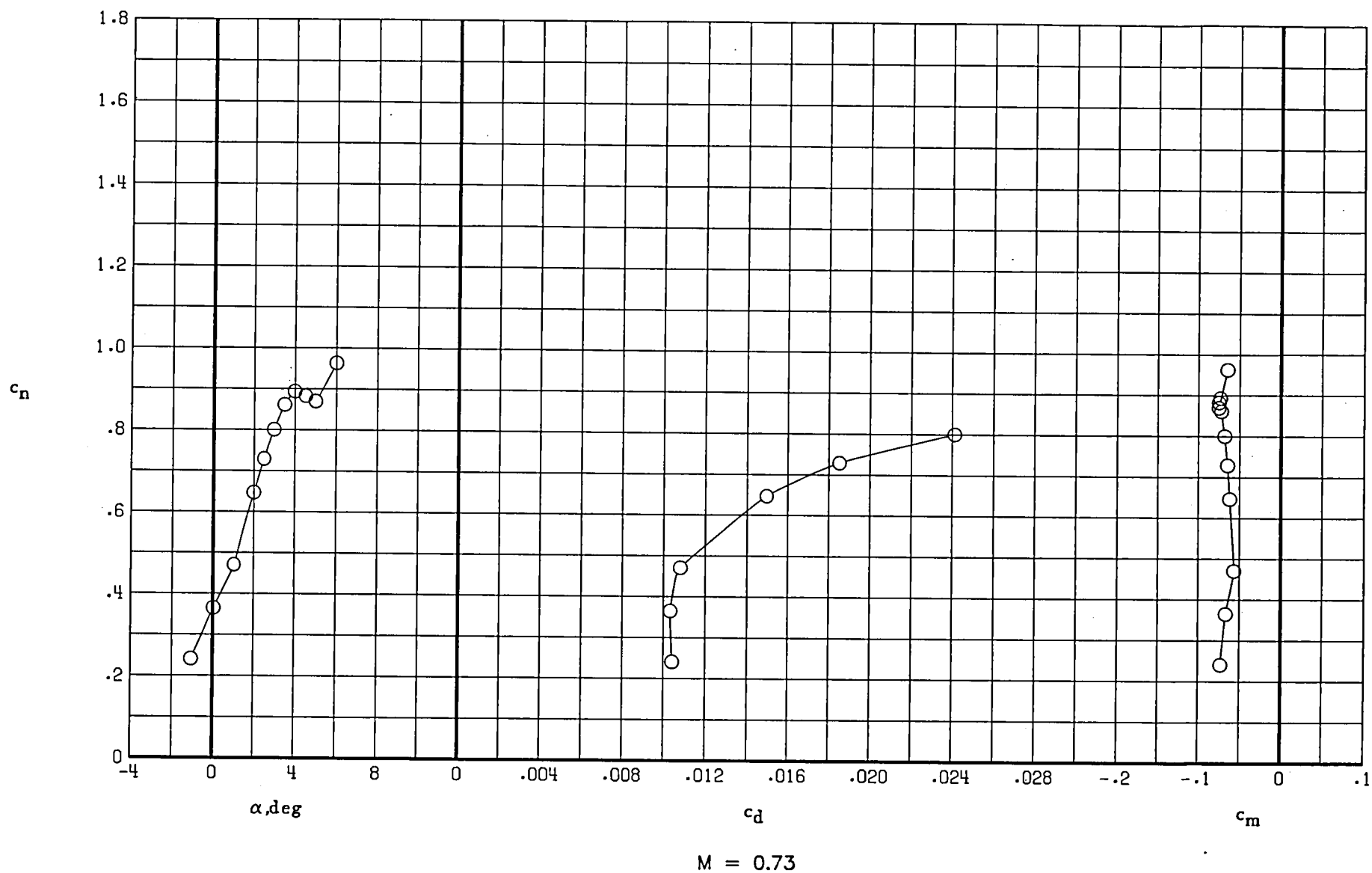


Figure 10.— Force and moment characteristics of CAST 10-2/DOA 2 airfoil. $R_c = 2.0 \times 10^6$, transition free.

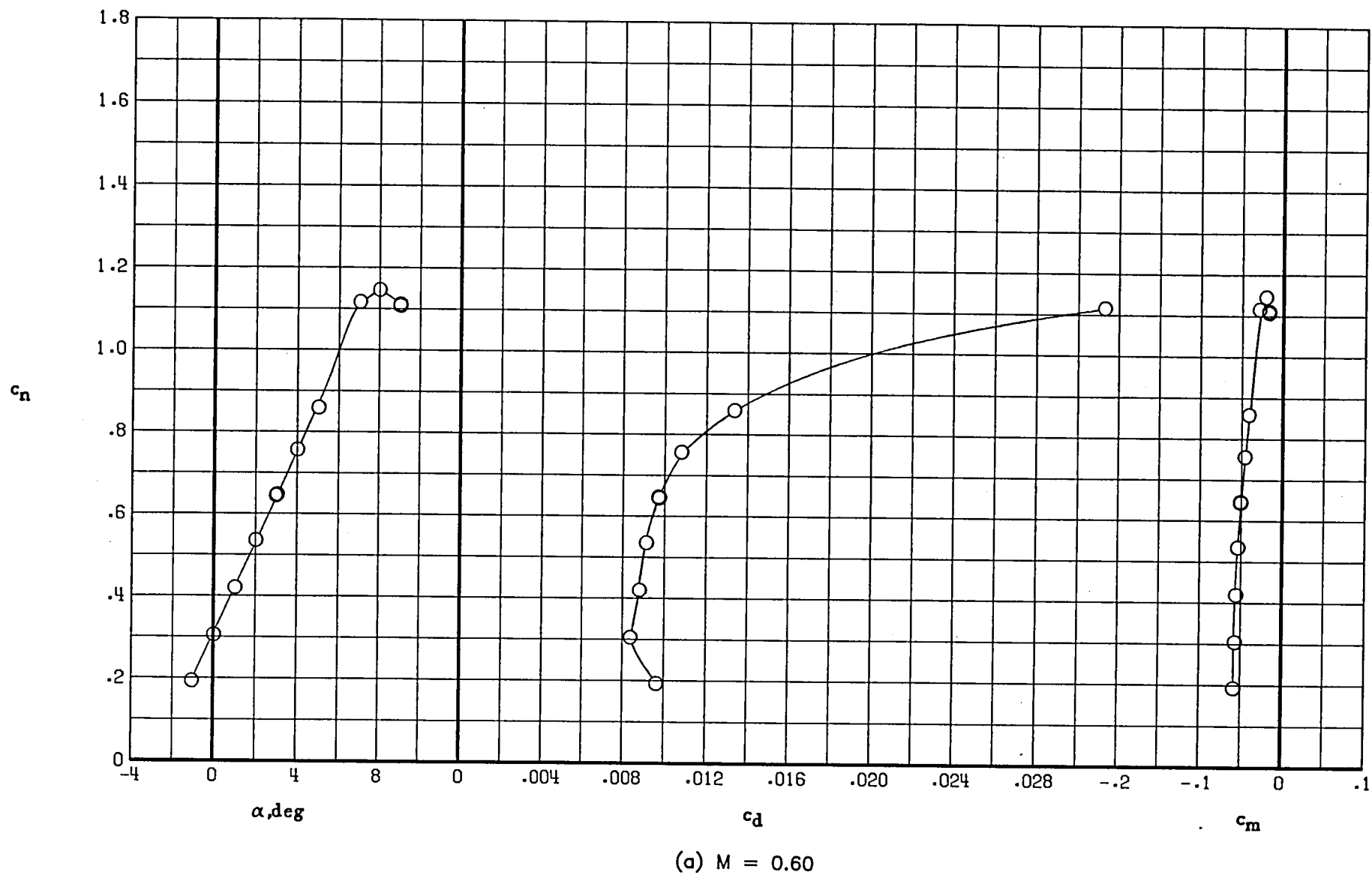
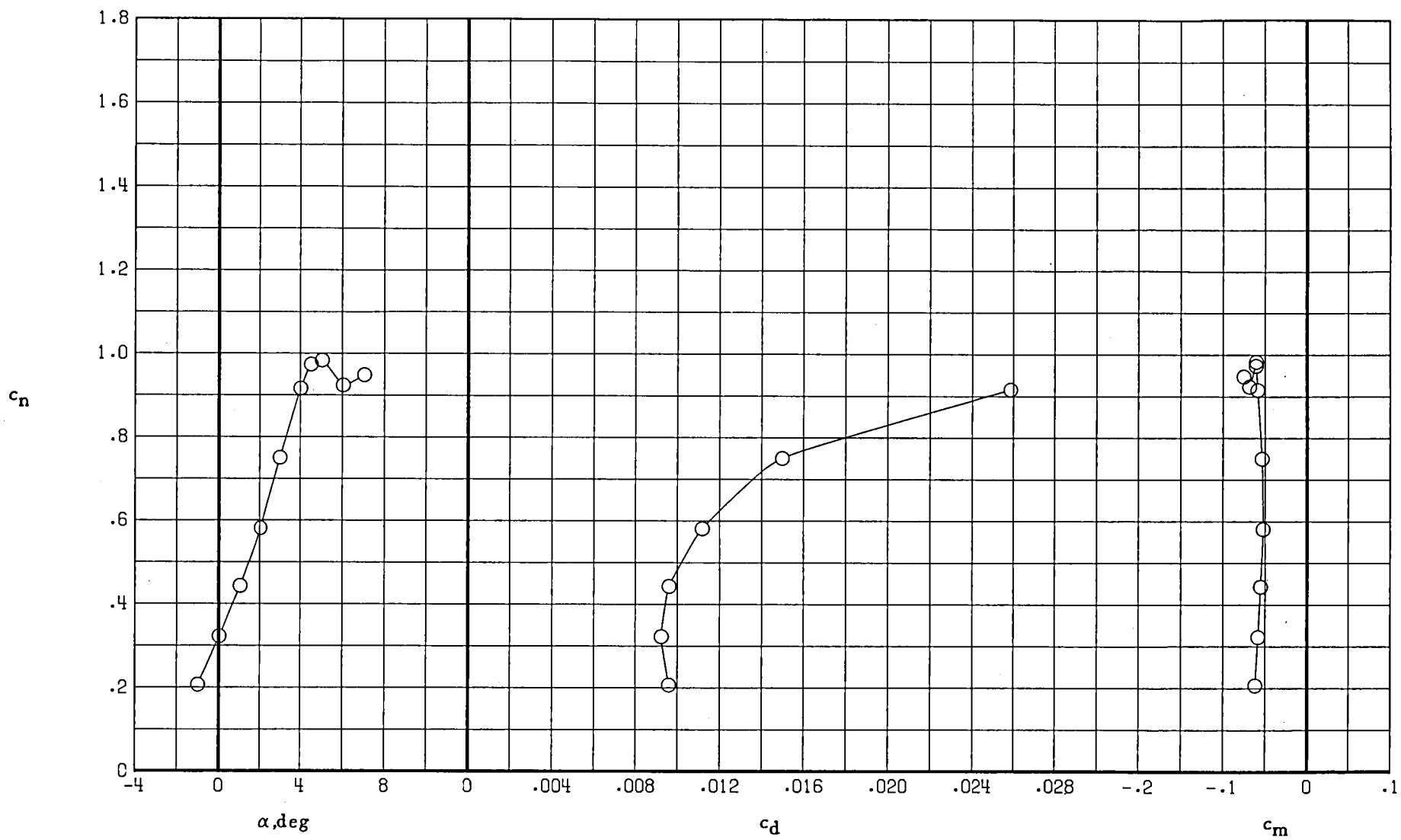
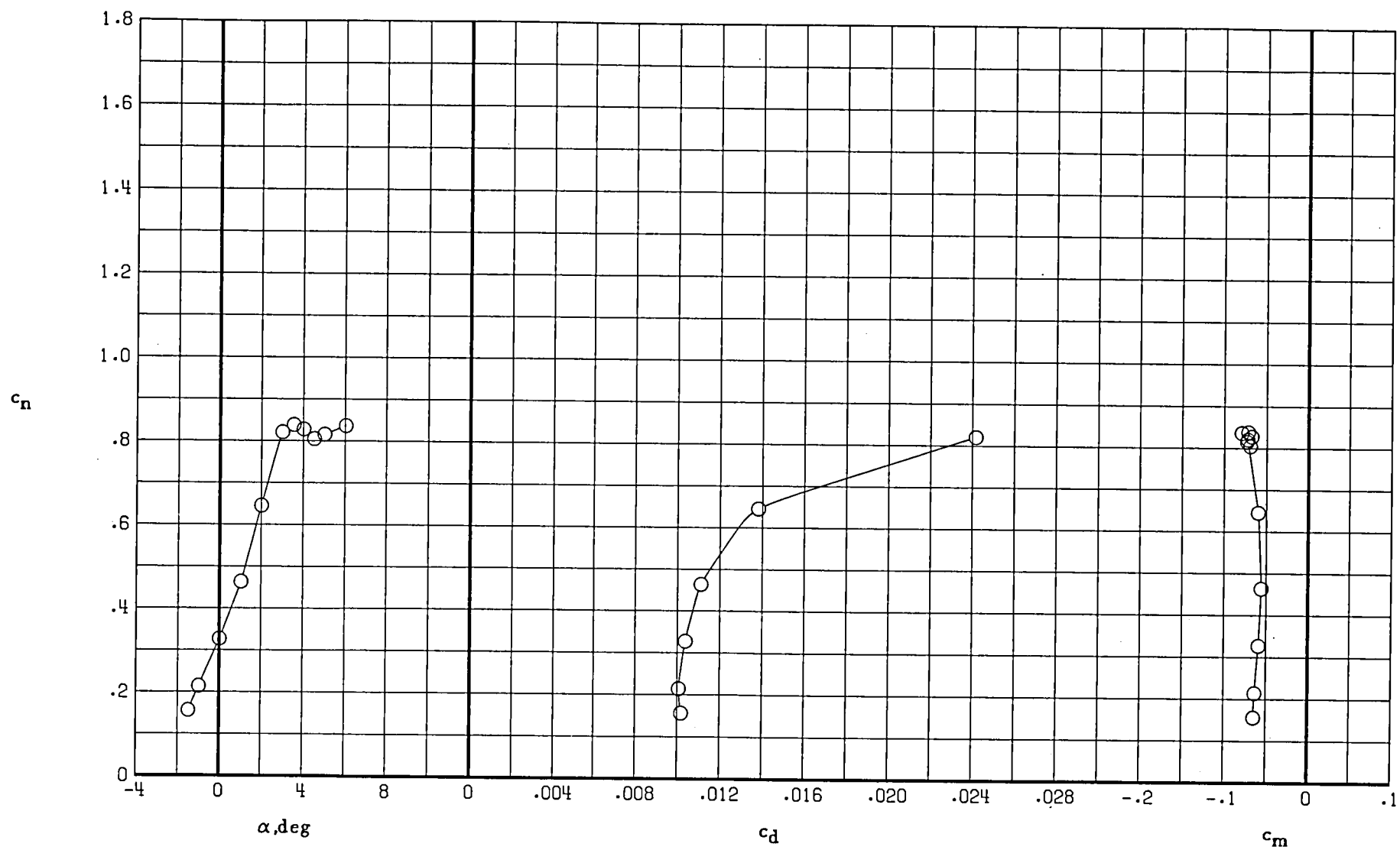


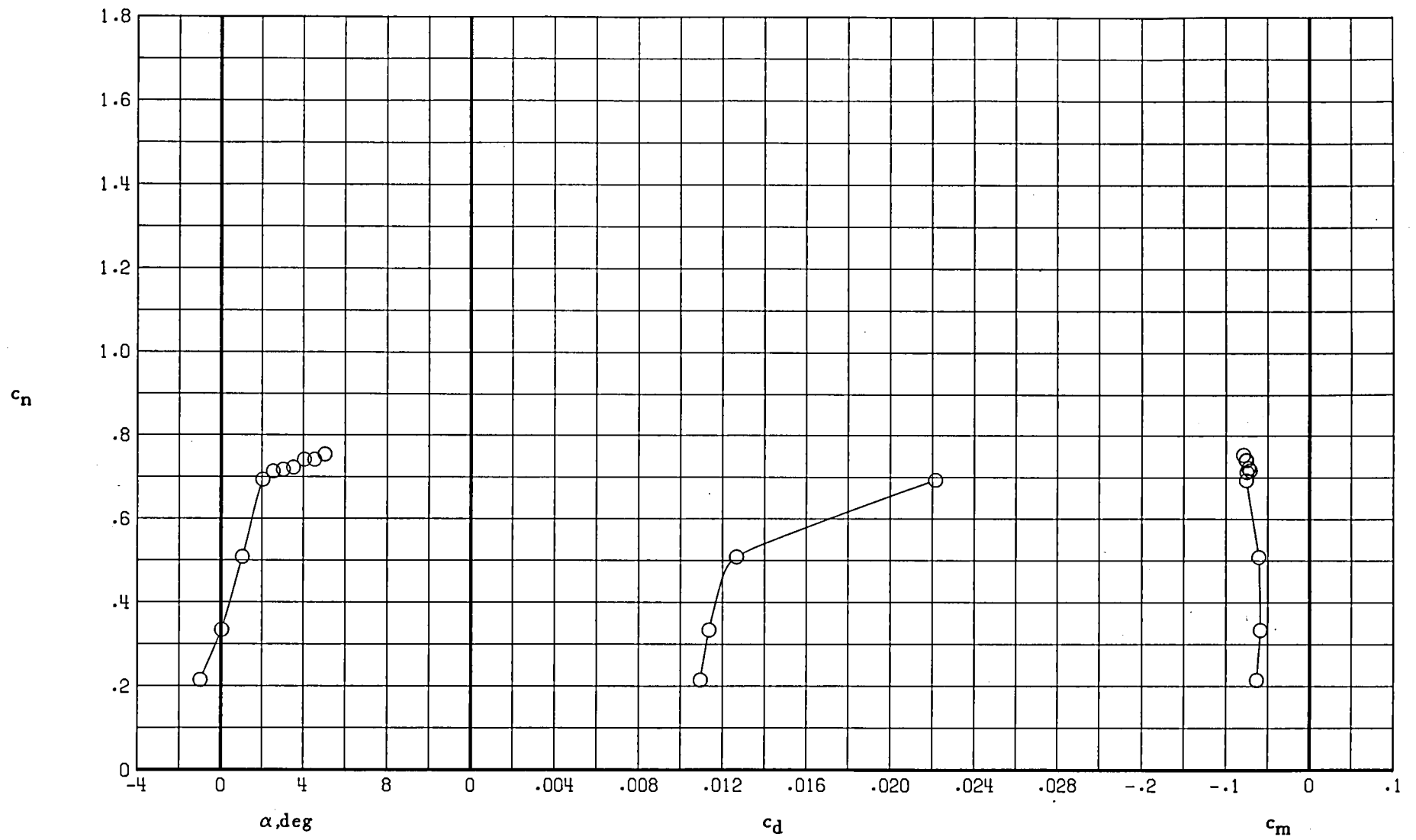
Figure 11.— Force and moment characteristics of CAST 10-2/DOA 2 airfoil. $R_c = 4.0 \times 10^6$, transition free.





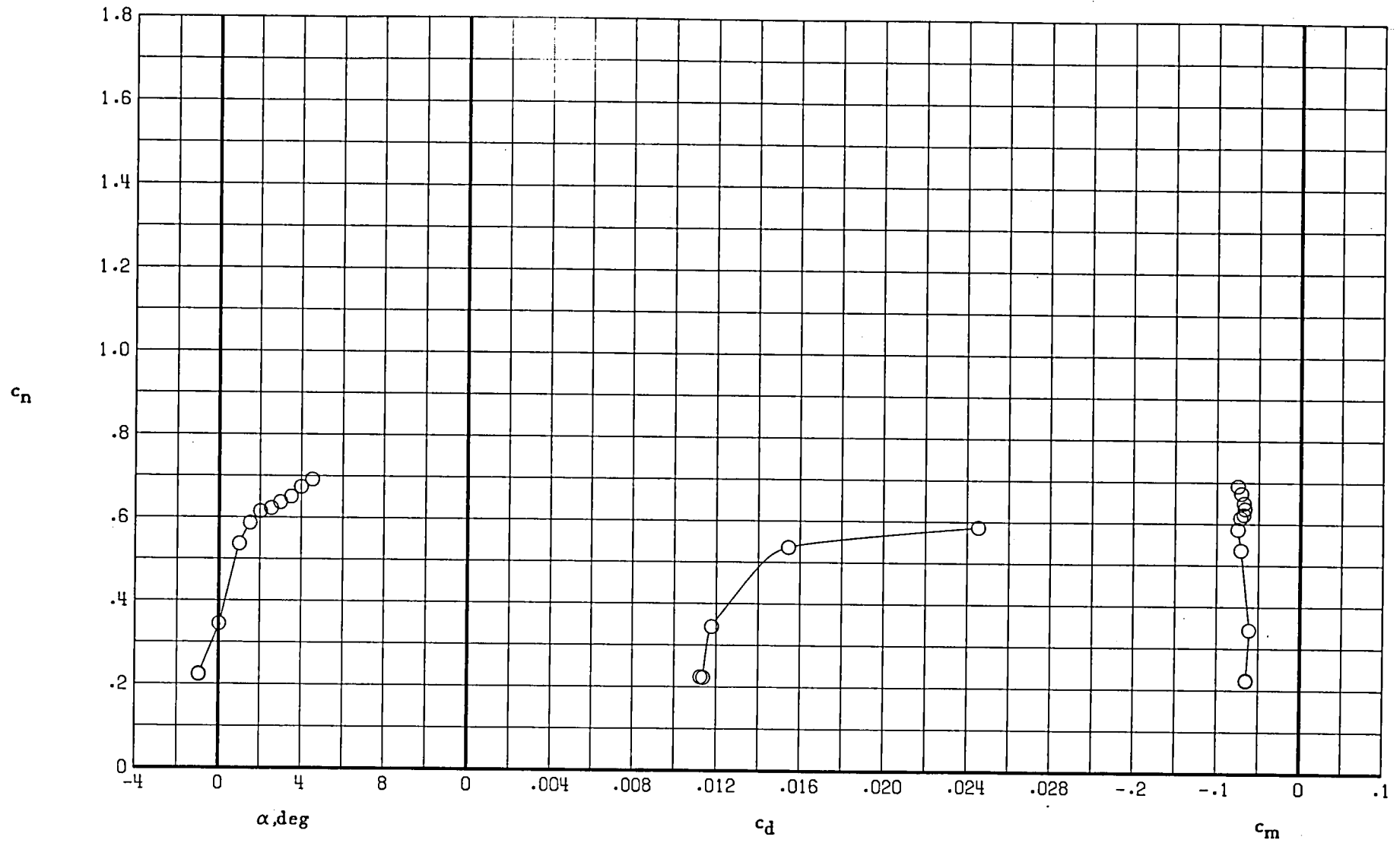
(c) $M = 0.73$

Figure 11.- Continued.



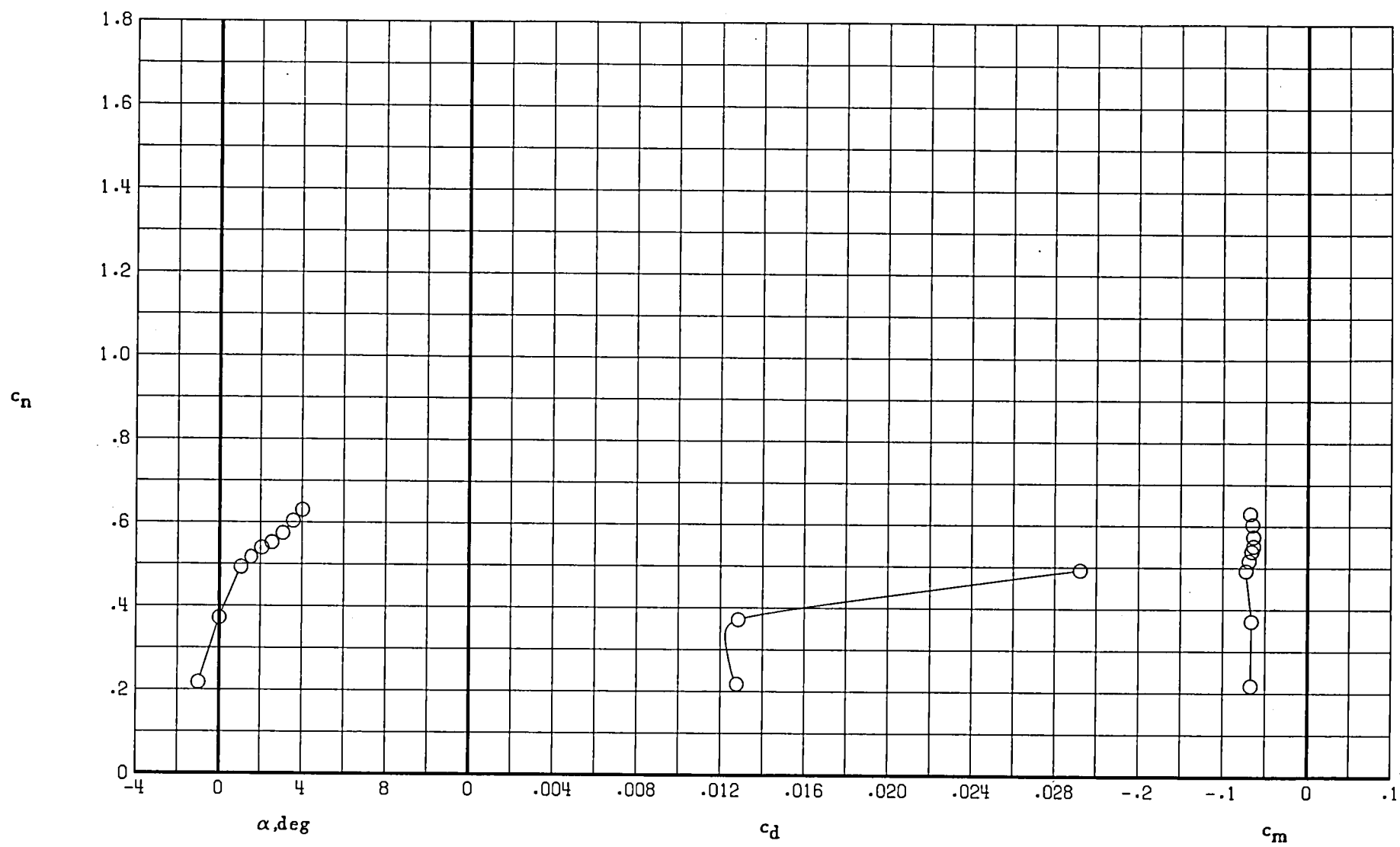
(d) $M = 0.75$

Figure 11.— Continued.



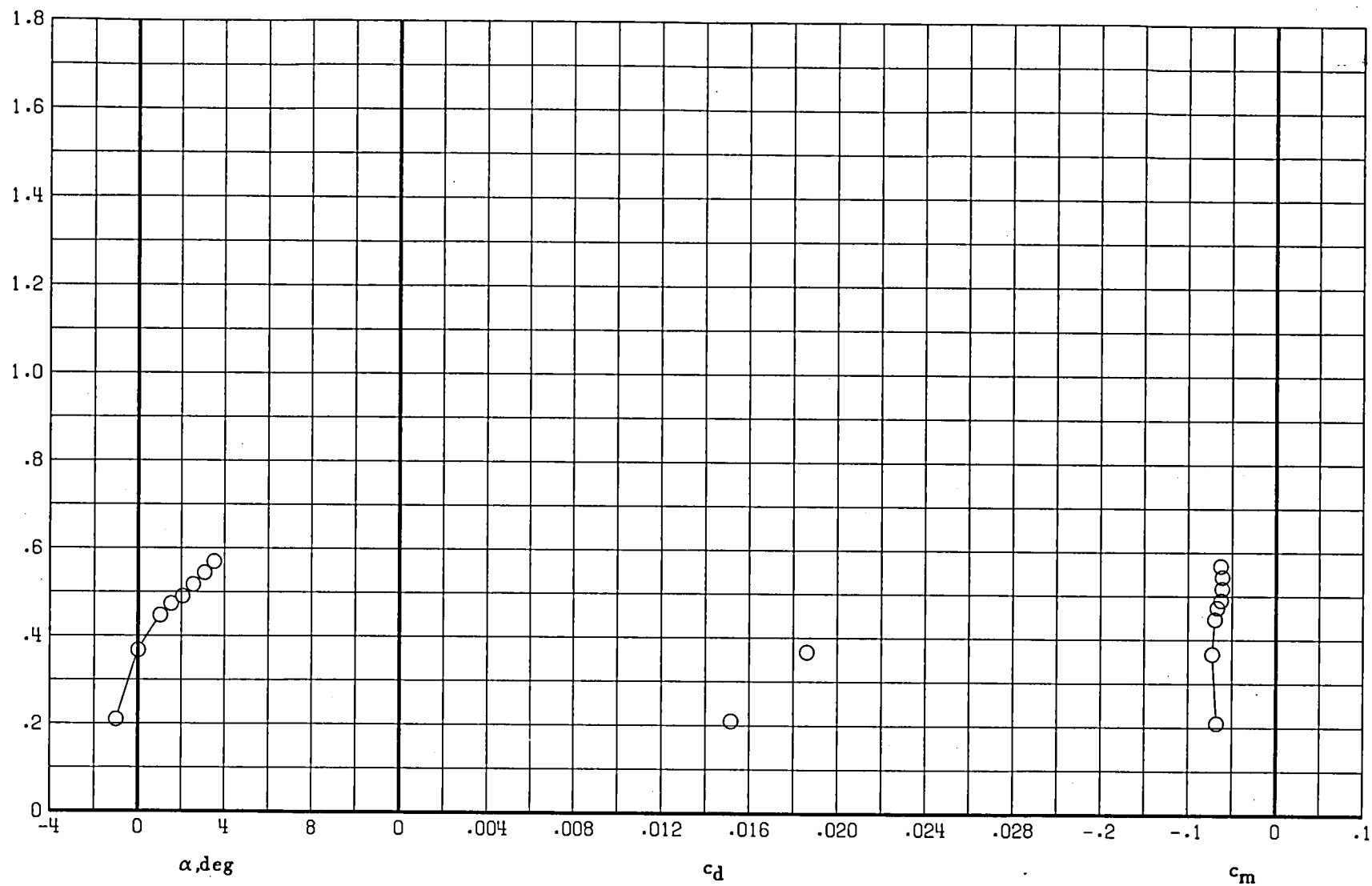
(e) $M = 0.765$

Figure 11.— Continued.



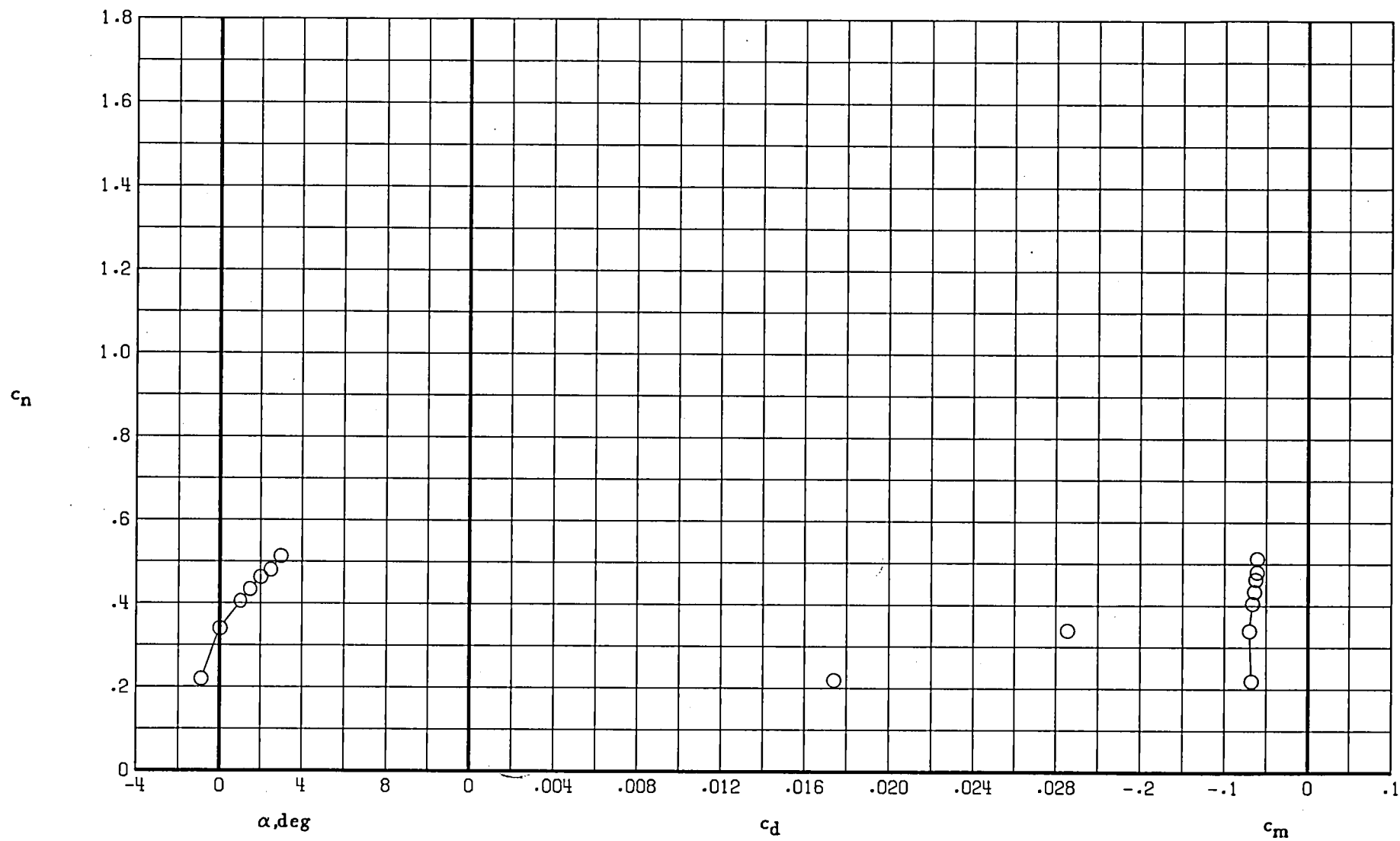
(f) $M = 0.78$

Figure 11.— Continued.



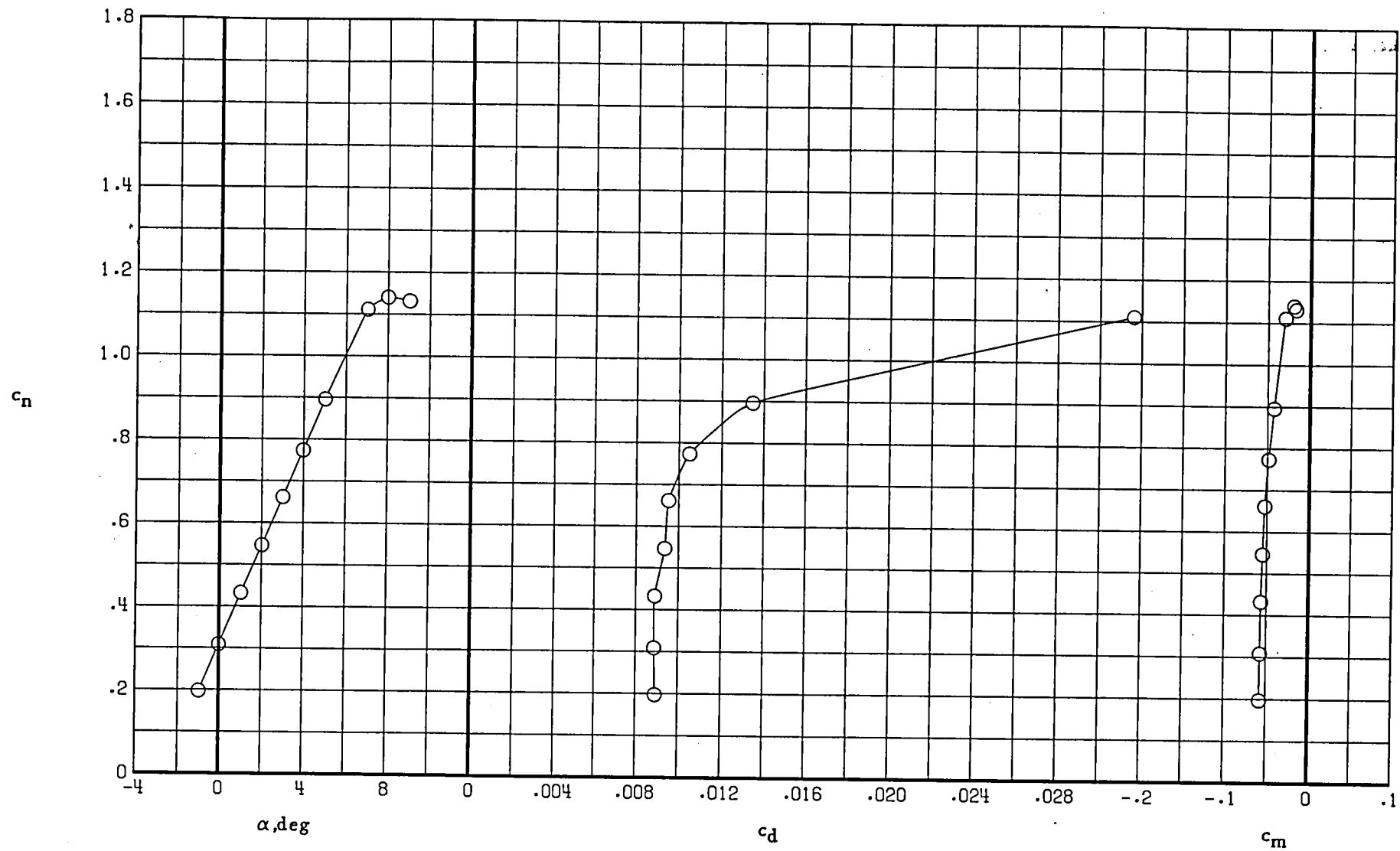
(g) $M = 0.79$

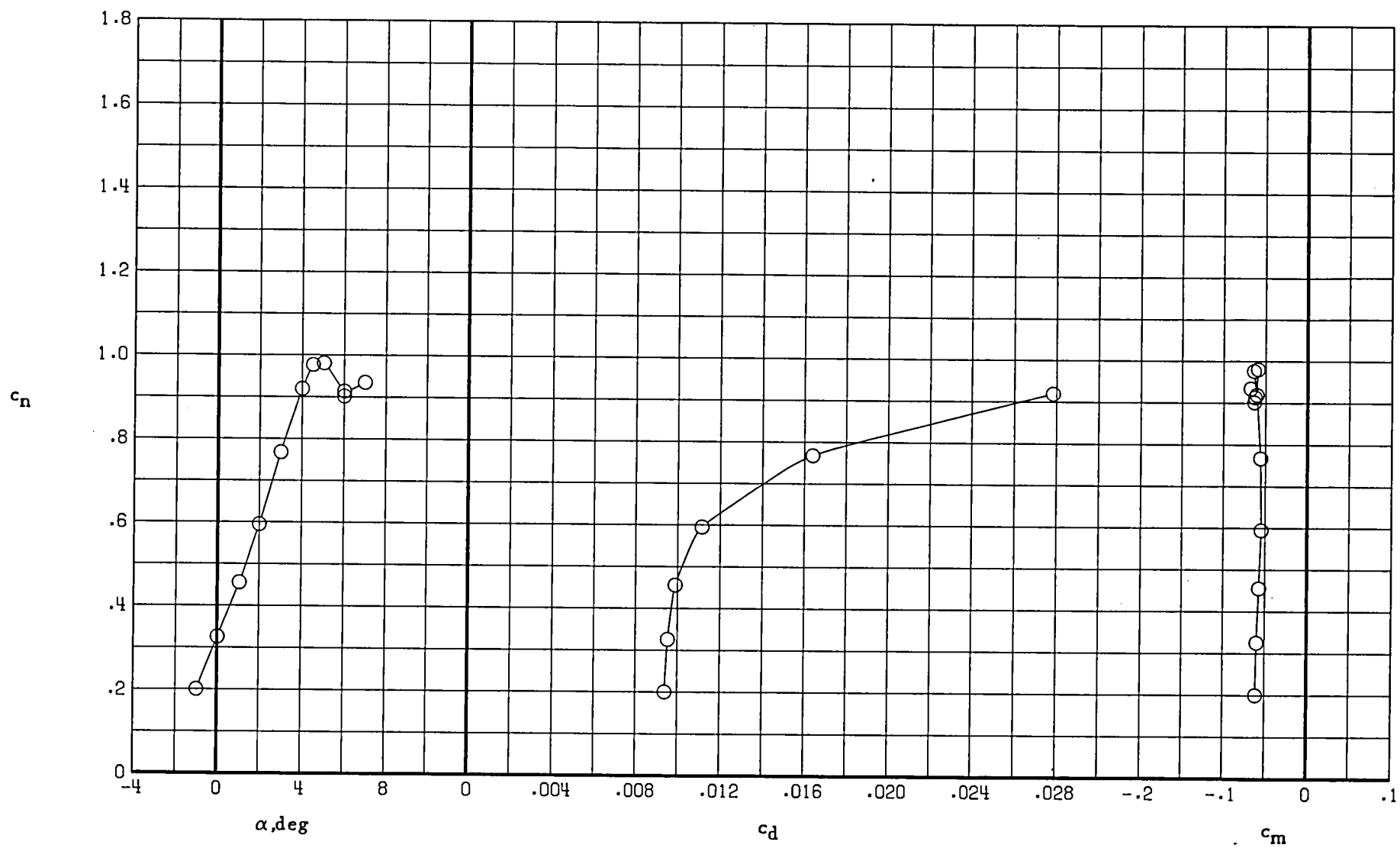
Figure 11.— Continued.



(h) $M = 0.80$

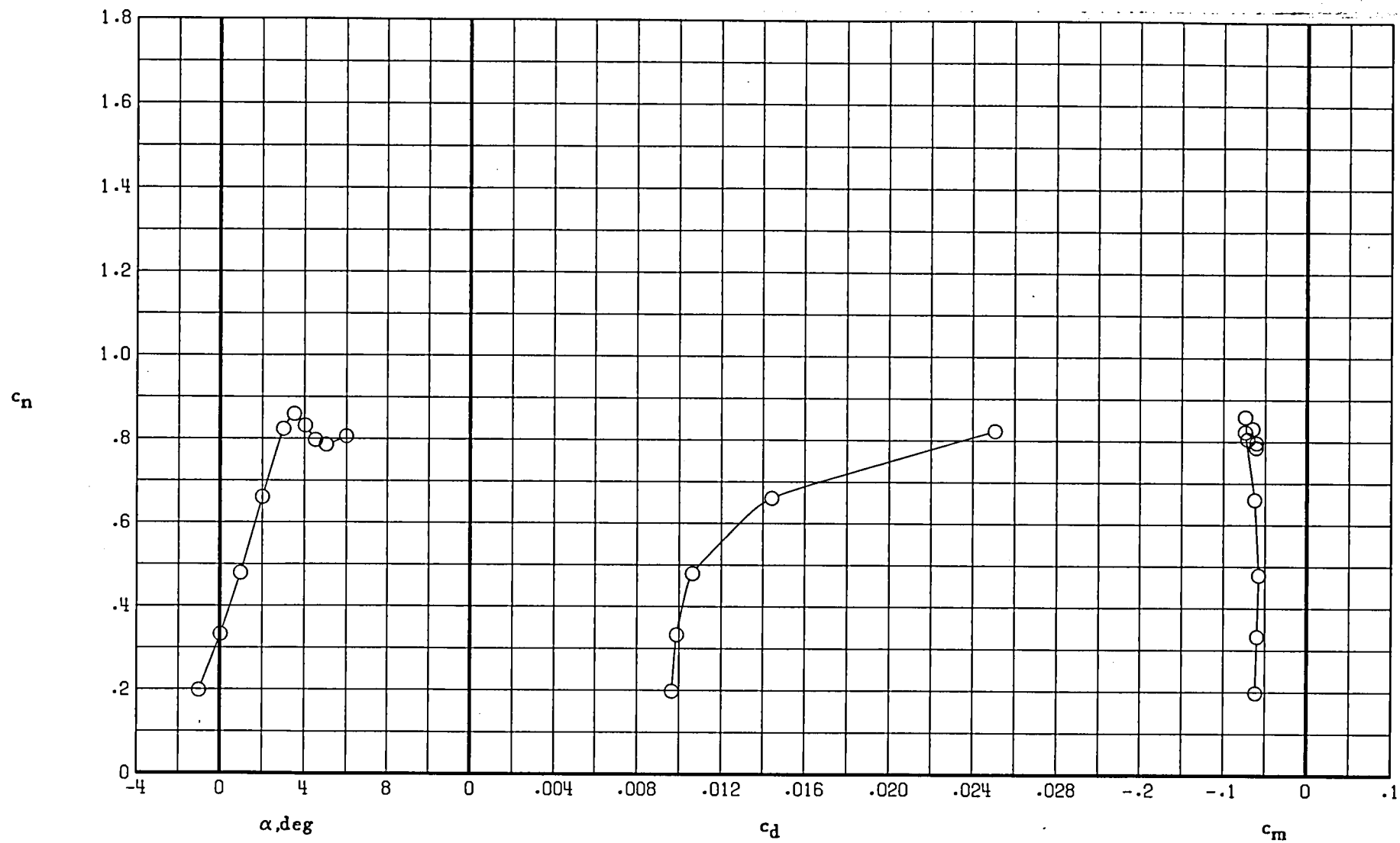
Figure 11.- Concluded.

(a) $M = 0.60$ Figure 12.— Force and moment characteristics of CAST 10-2/DOA 2 airfoil. $R_c = 6.0 \times 10^6$, transition free.



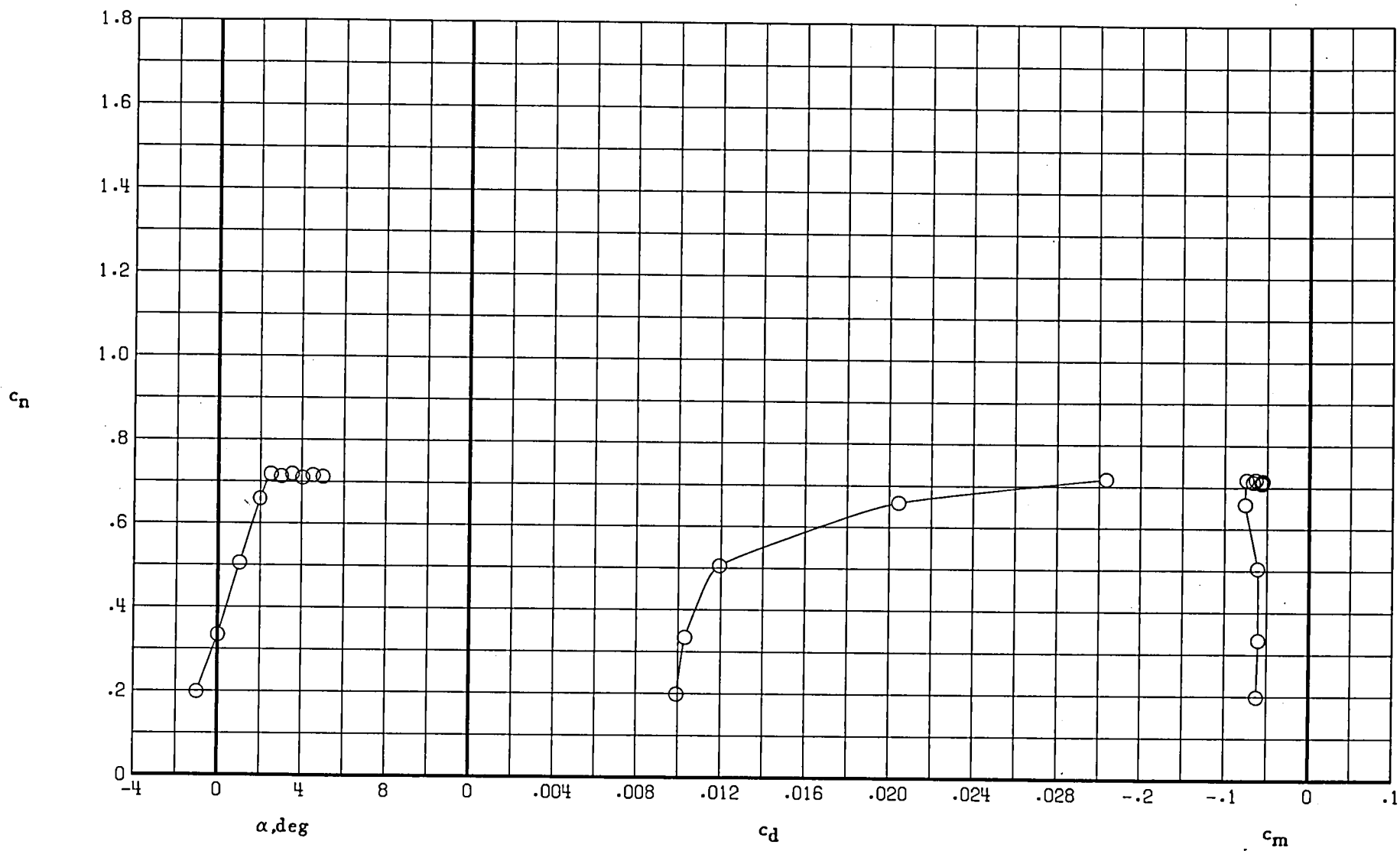
(b) $M = 0.70$

Figure 12.— Continued.



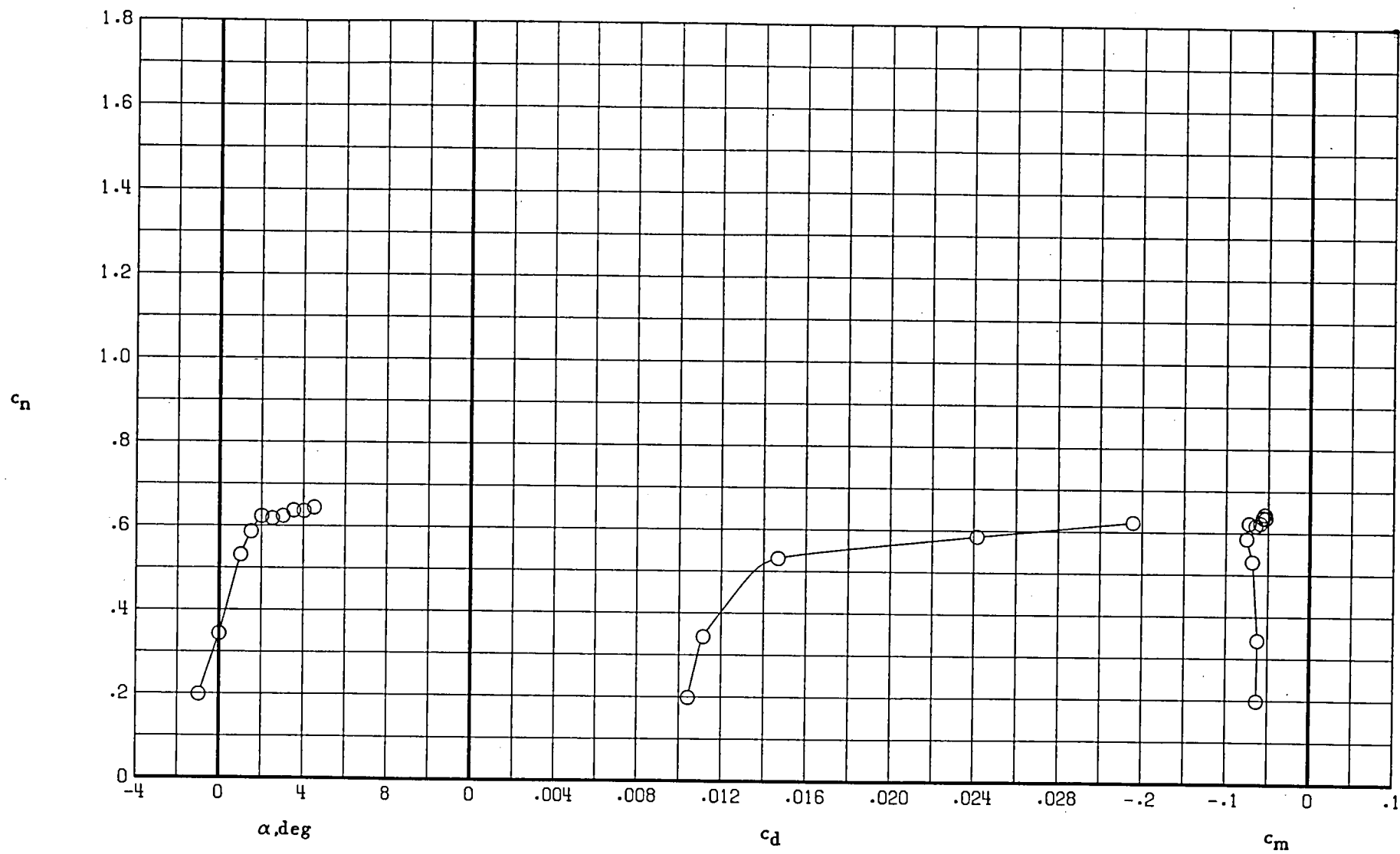
(c) $M = 0.73$

Figure 12.— Continued.



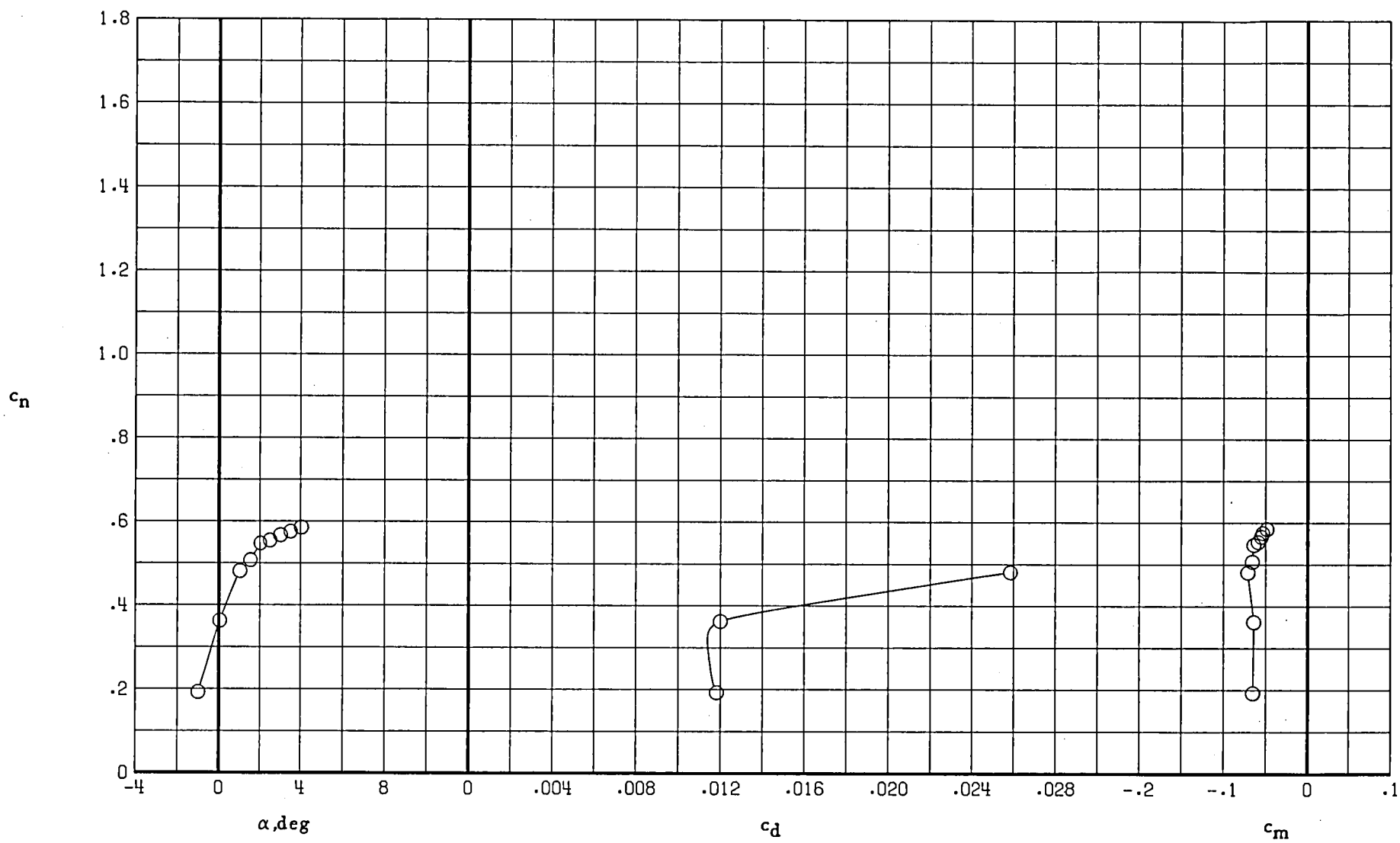
(d) $M = 0.75$

Figure 12.- Continued.



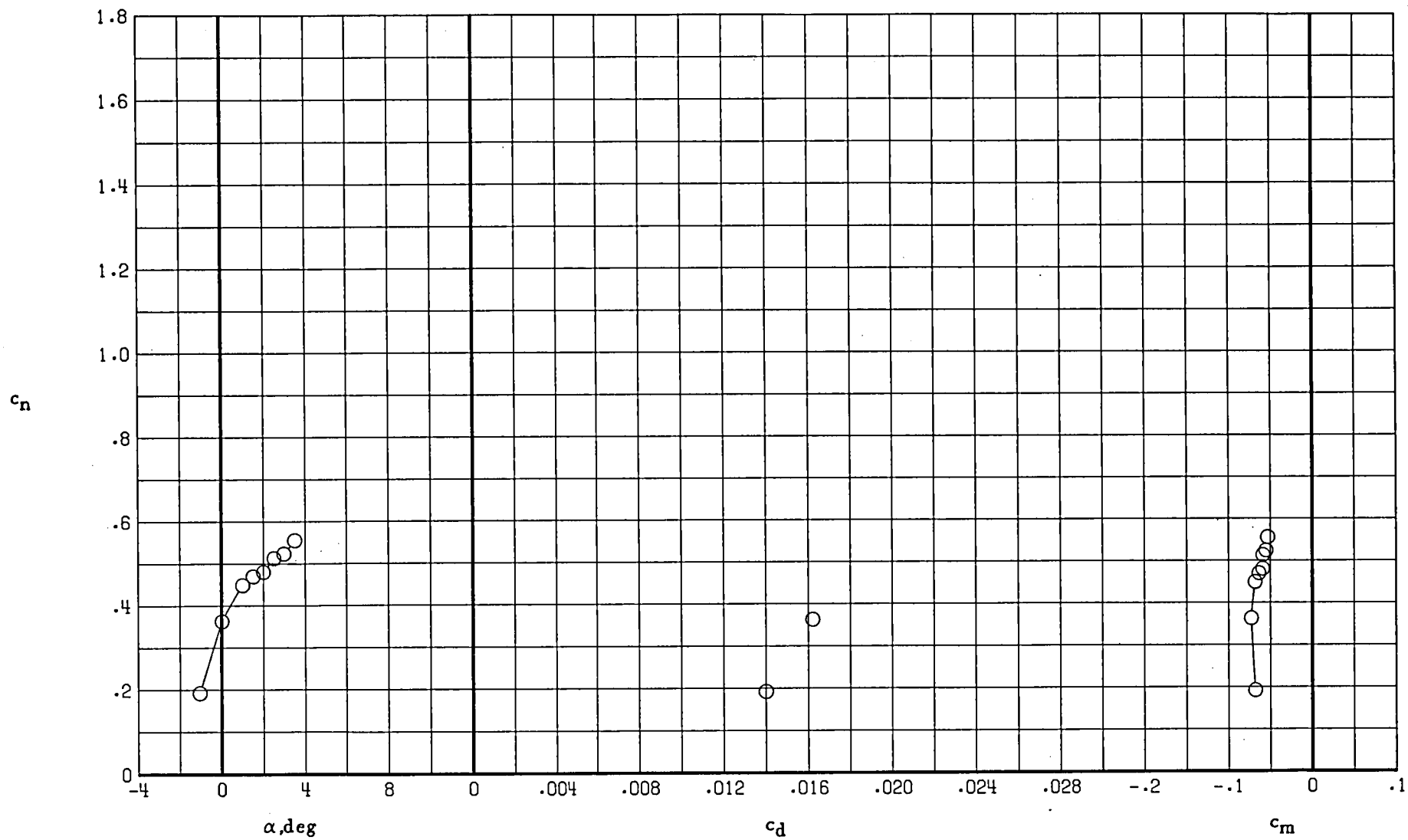
(e) $M = 0.765$

Figure 12.- Continued.



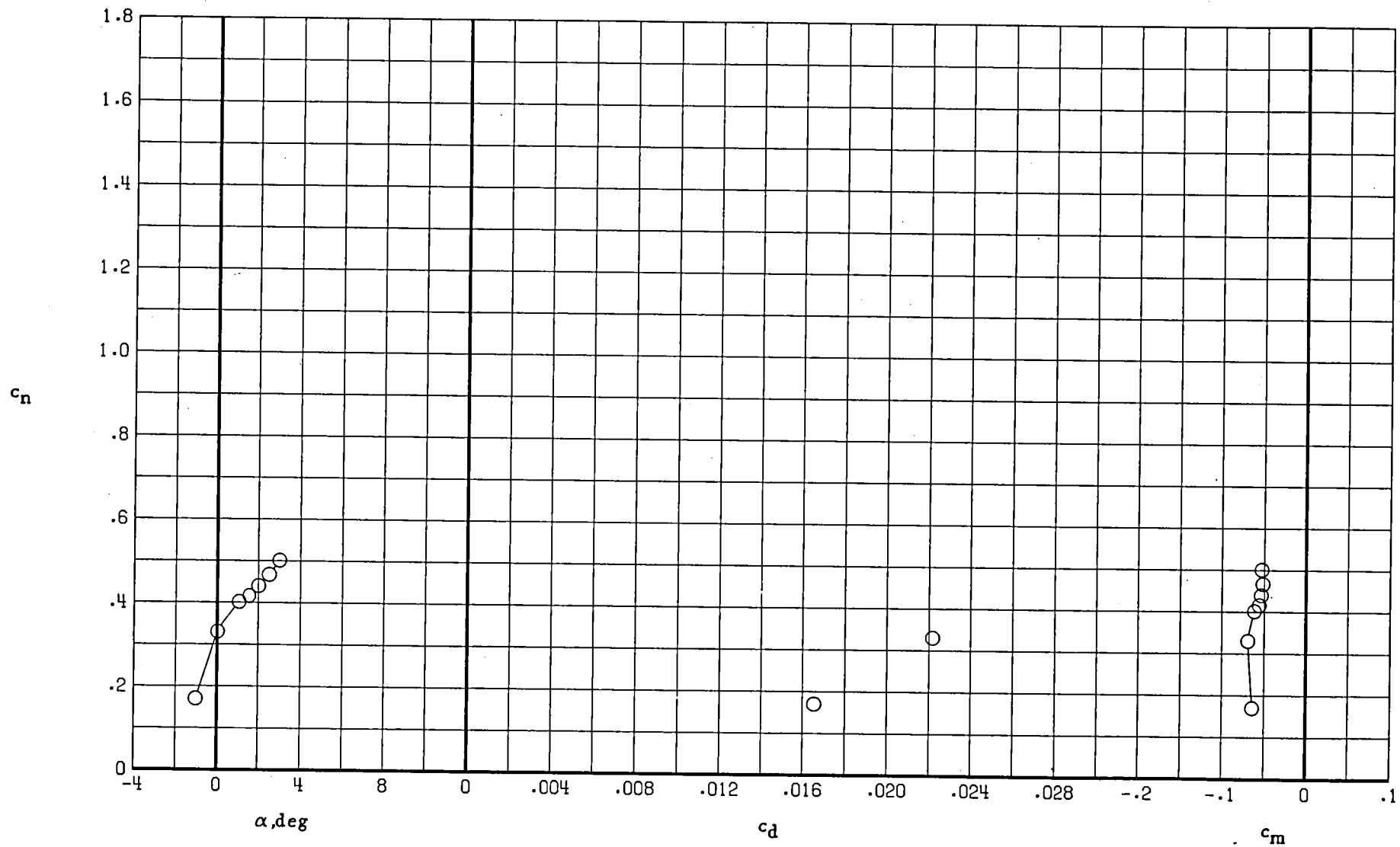
(f) $M = 0.78$

Figure 12.- Continued.



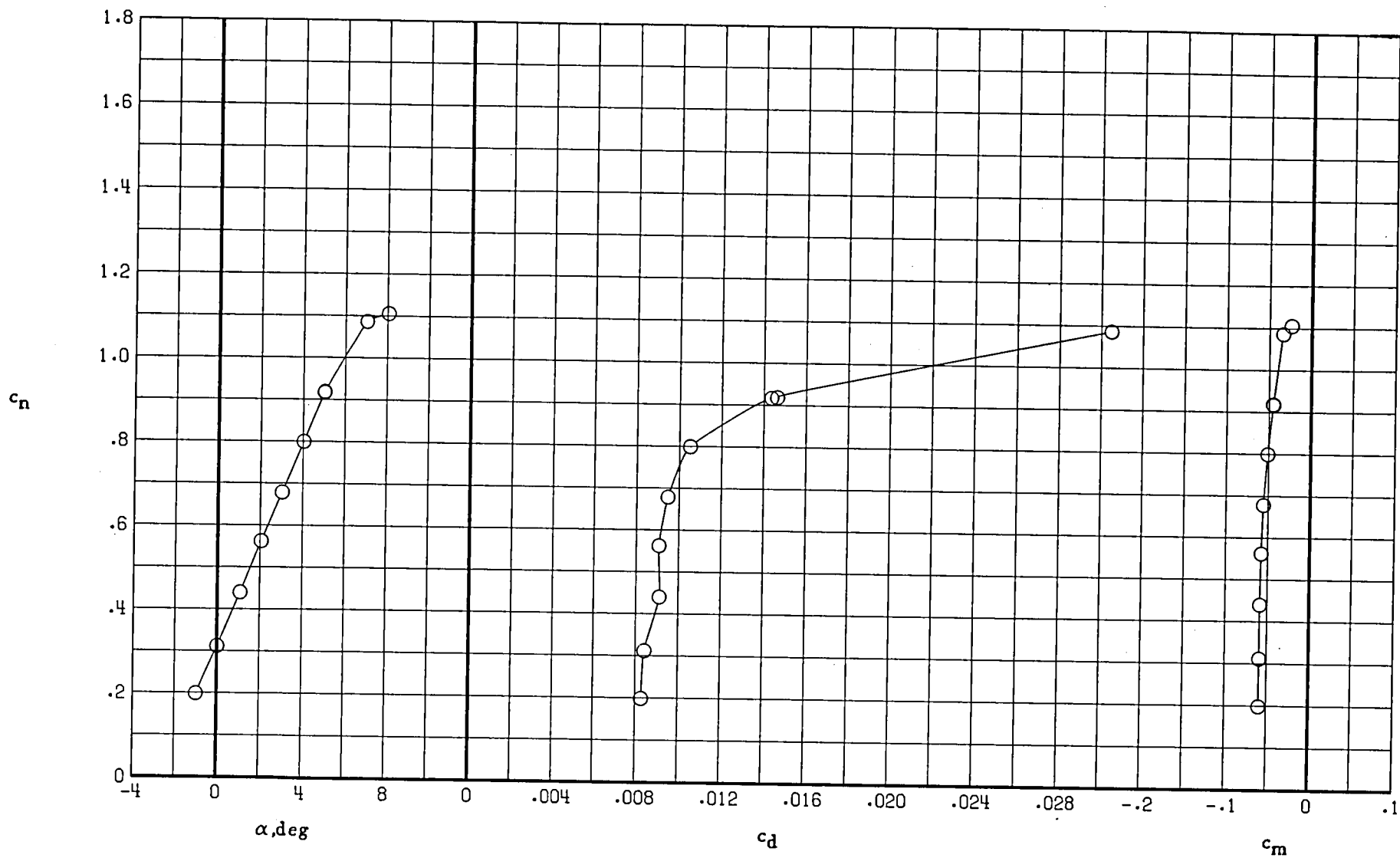
(g) $M = 0.79$

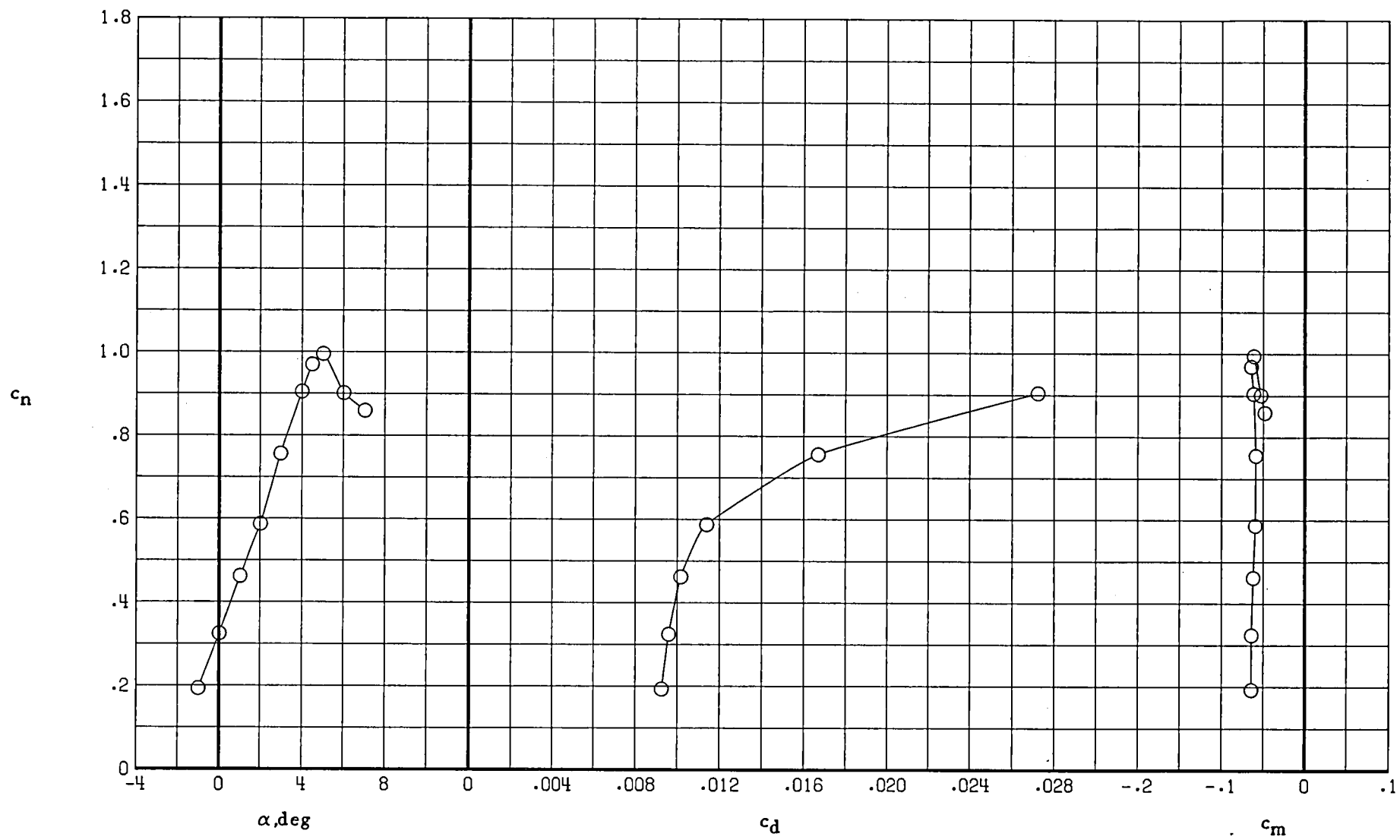
Figure 12.— Continued.



(h) $M = 0.80$

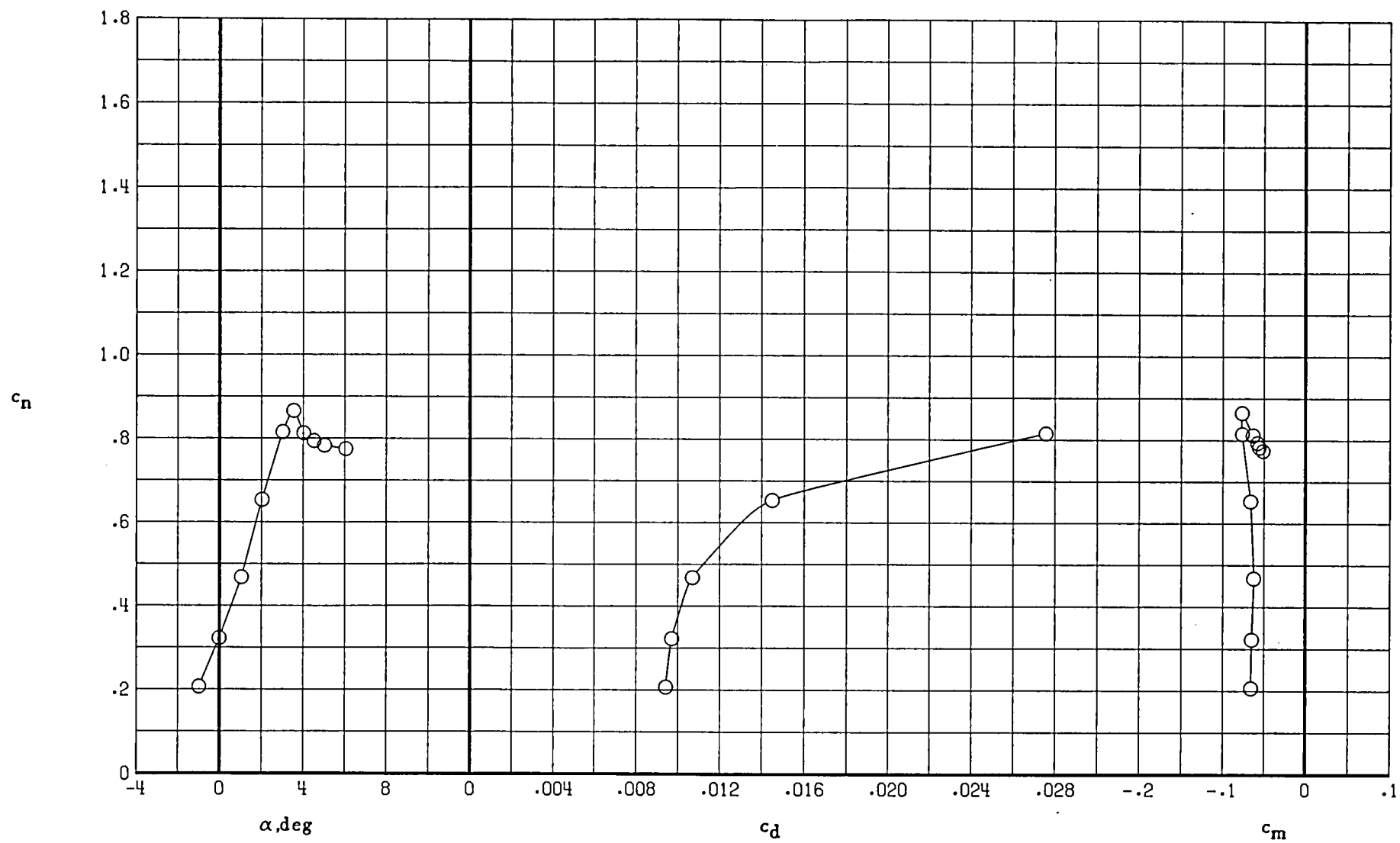
Figure 12.— Concluded.

(a) $M = 0.60$ Figure 13.— Force and moment characteristics of CAST 10-2/DOA 2 airfoil. $R_c = 10.0 \times 10^6$, transition free.



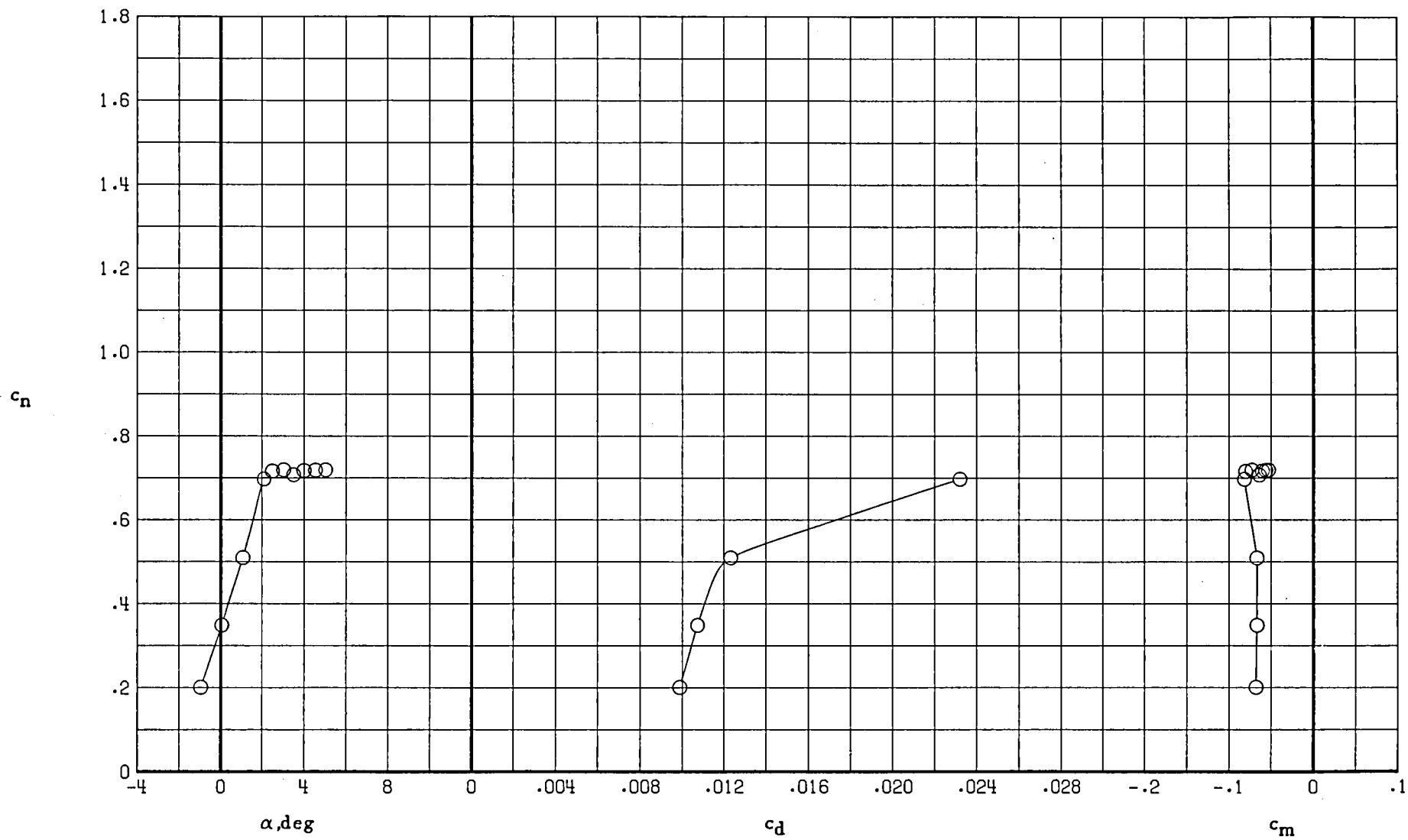
(b) $M = 0.70$

Figure 13.— Continued.



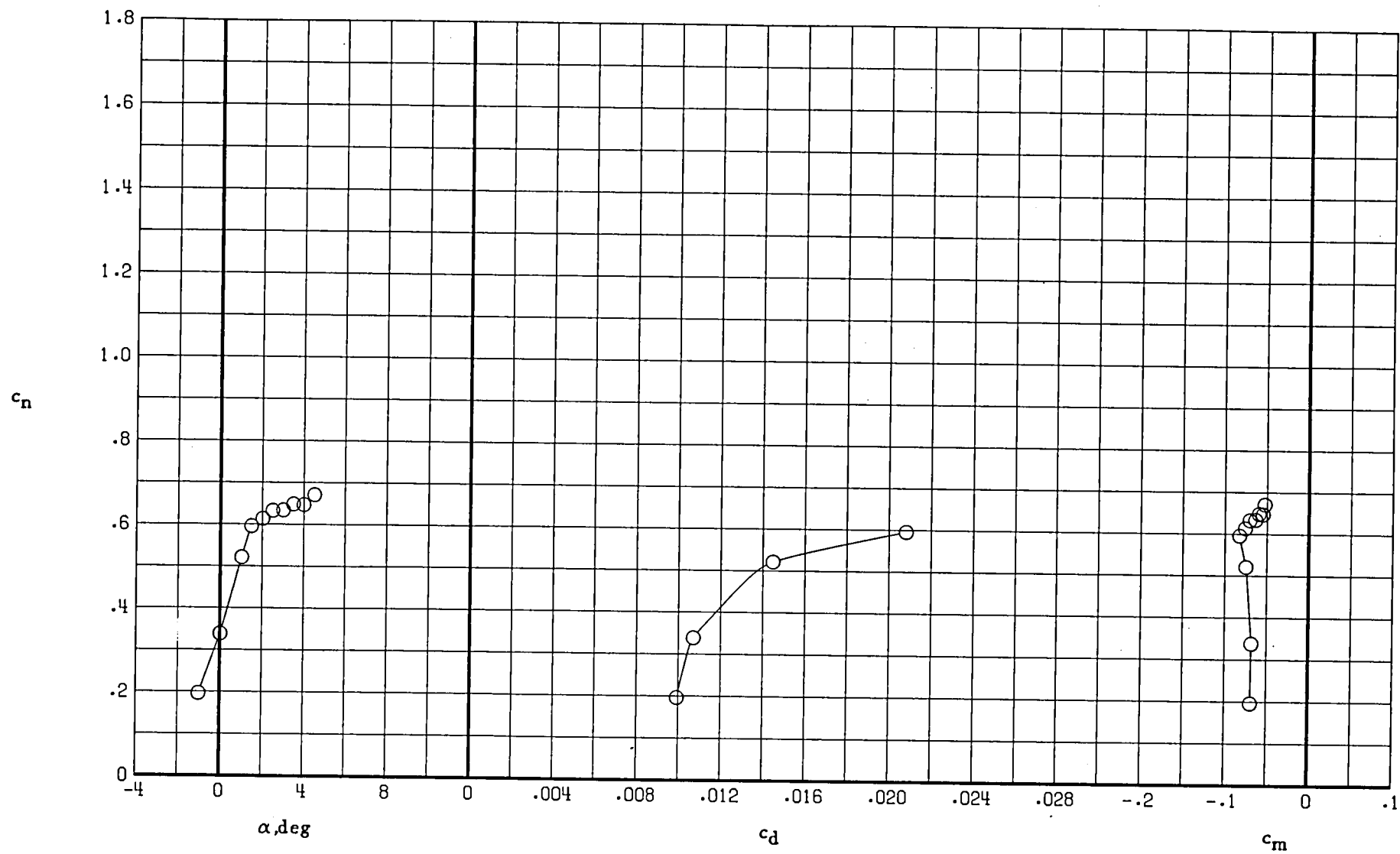
(c) $M = 0.73$

Figure 13.— Continued.



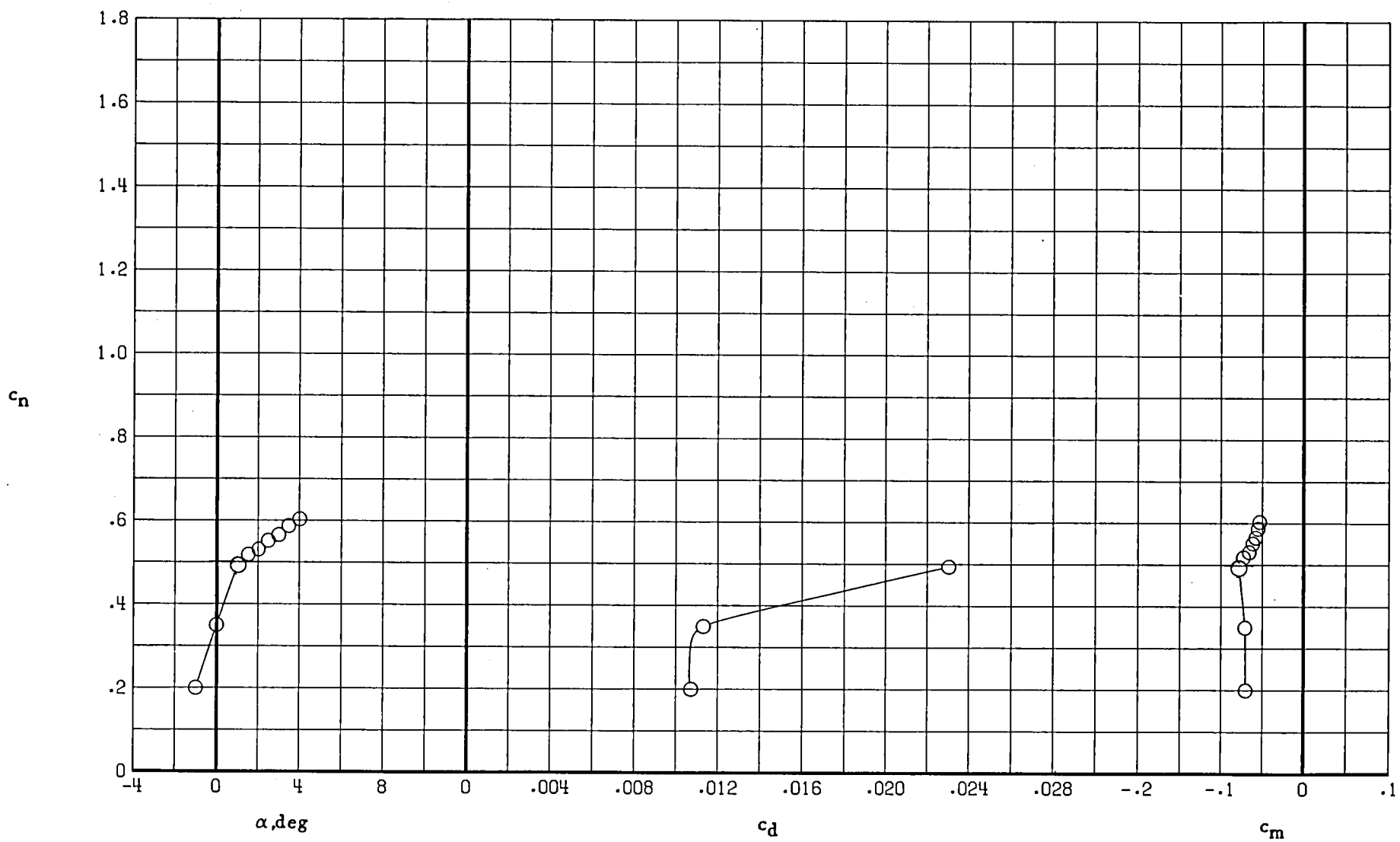
(d) $M = 0.75$

Figure 13.- Continued.



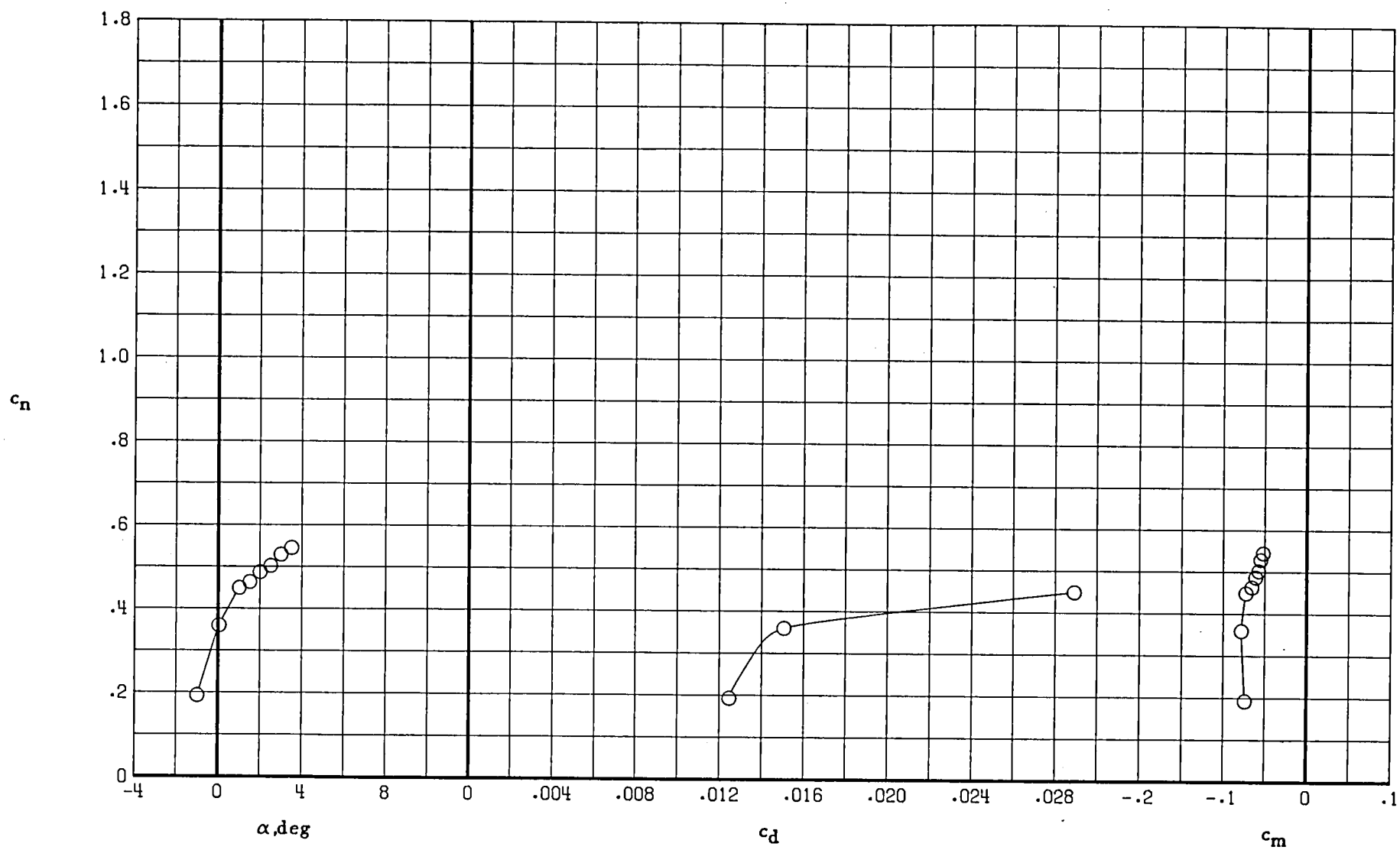
(e) $M = 0.765$

Figure 13.- Continued.



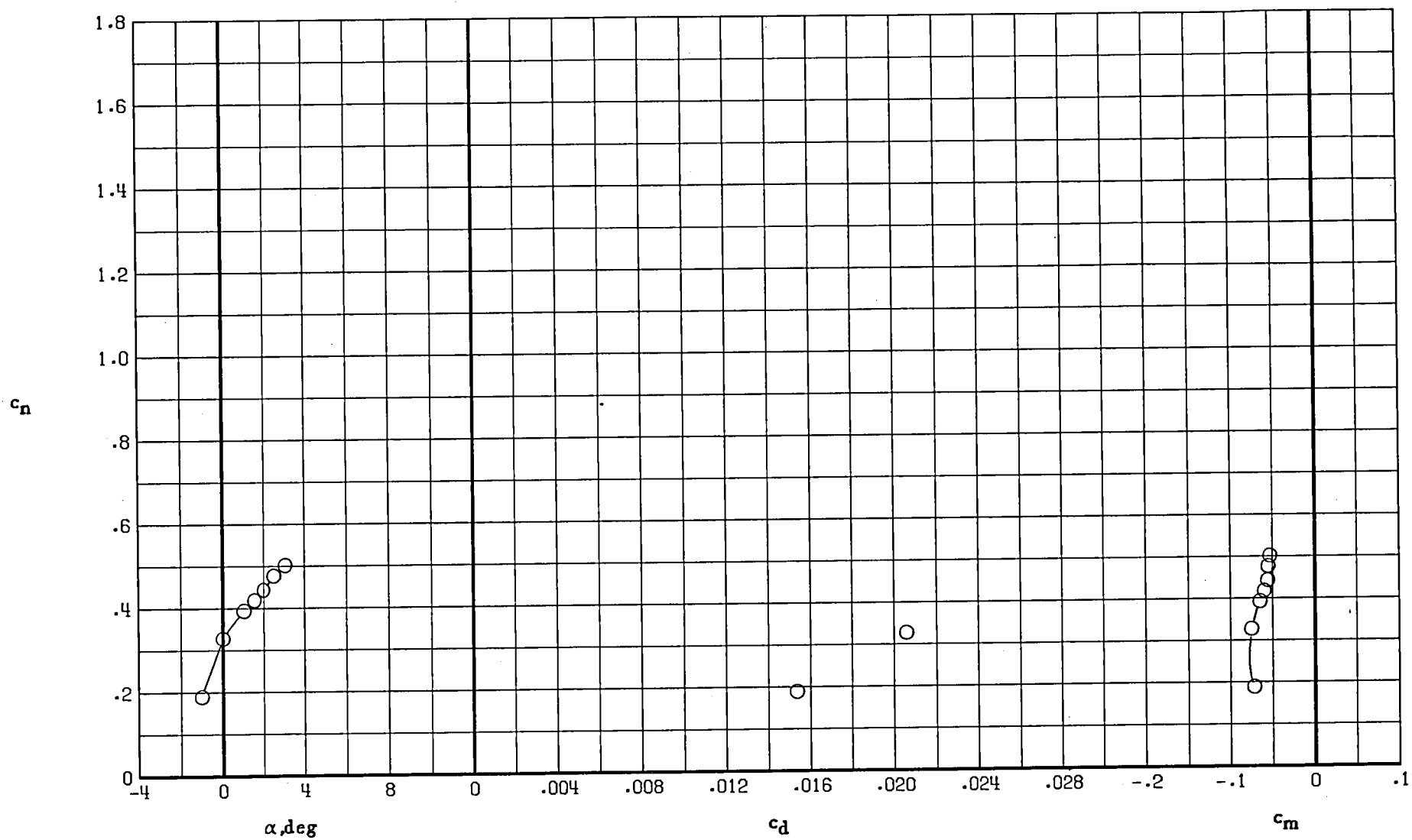
(f) $M = 0.78$

Figure 13.— Continued.



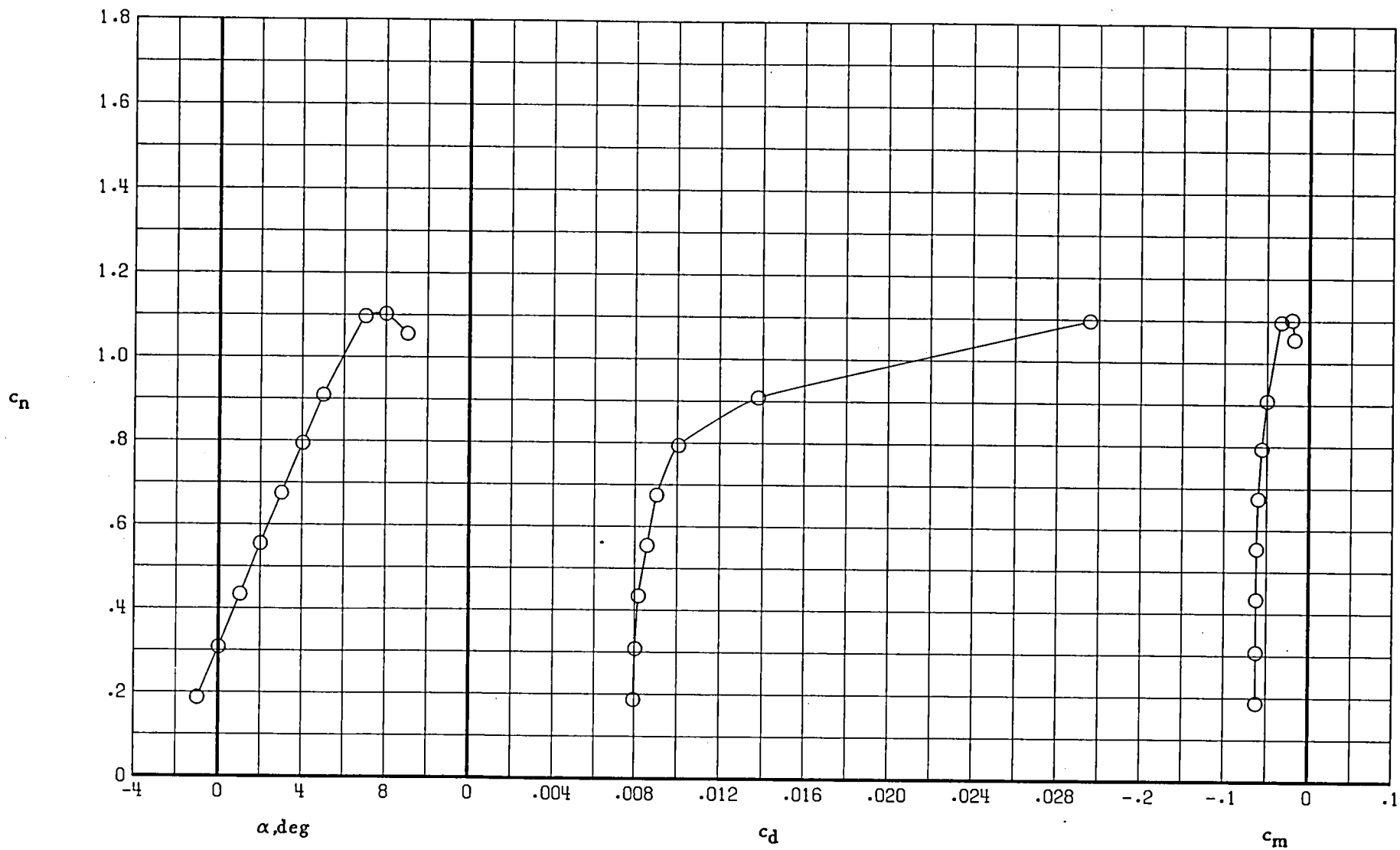
(g) $M = 0.79$

Figure 13.- Continued.



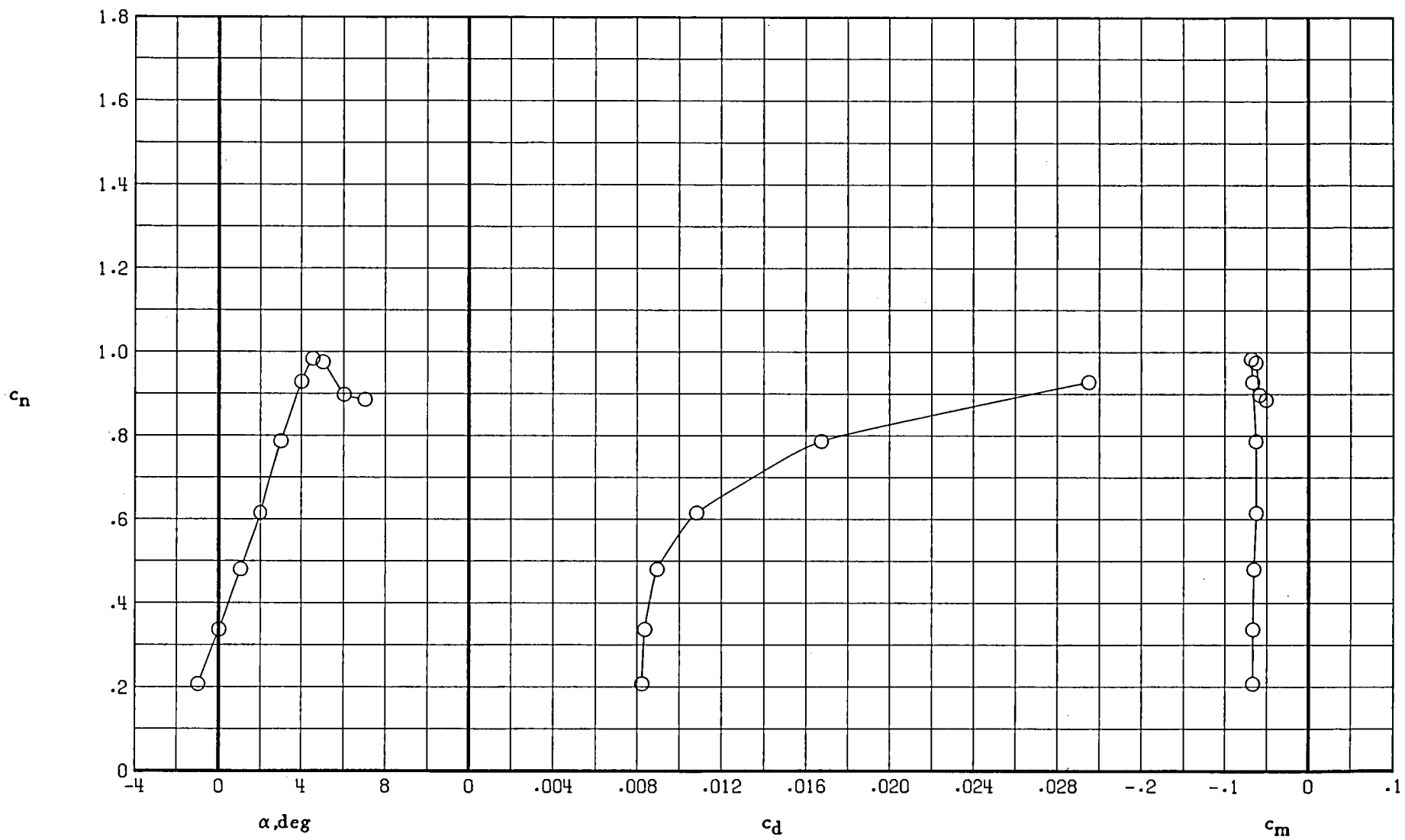
(h) $M = 0.80$

Figure 13.— Concluded.



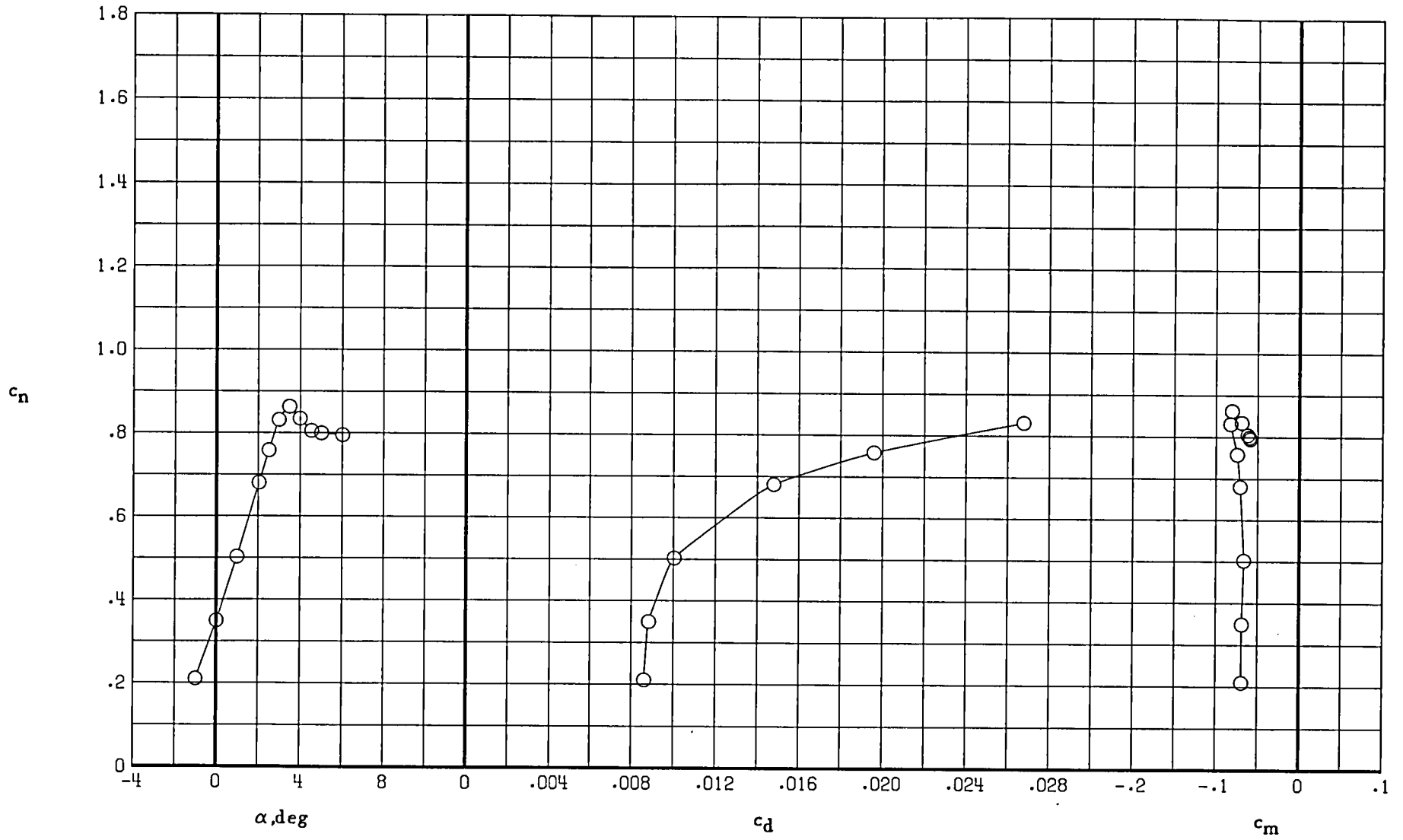
(a) $M = 0.60$

Figure 14.— Force and moment characteristics of CAST 10-2/DOA 2 airfoil. $R_c = 15.0 \times 10^6$, transition free.



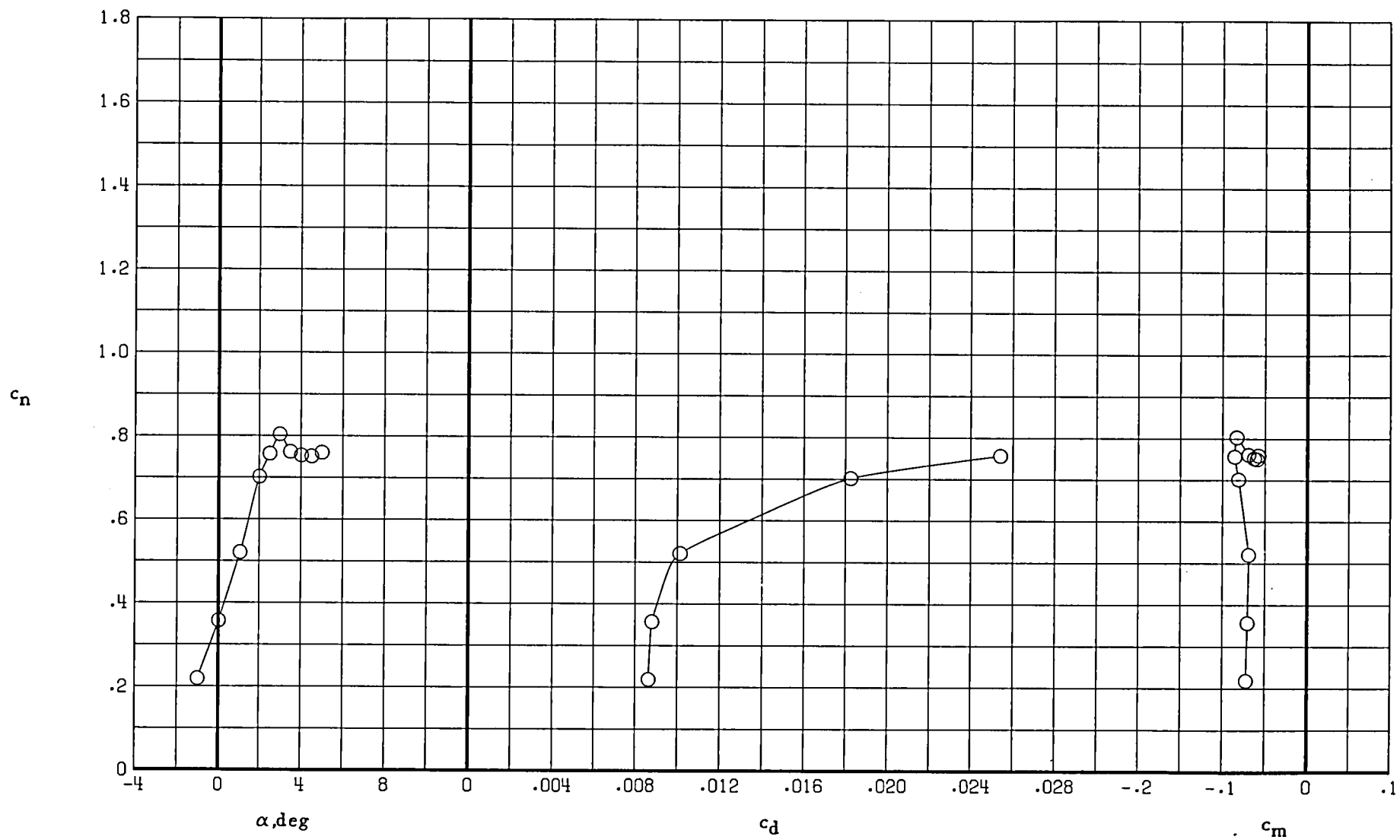
(b) $M = 0.70$

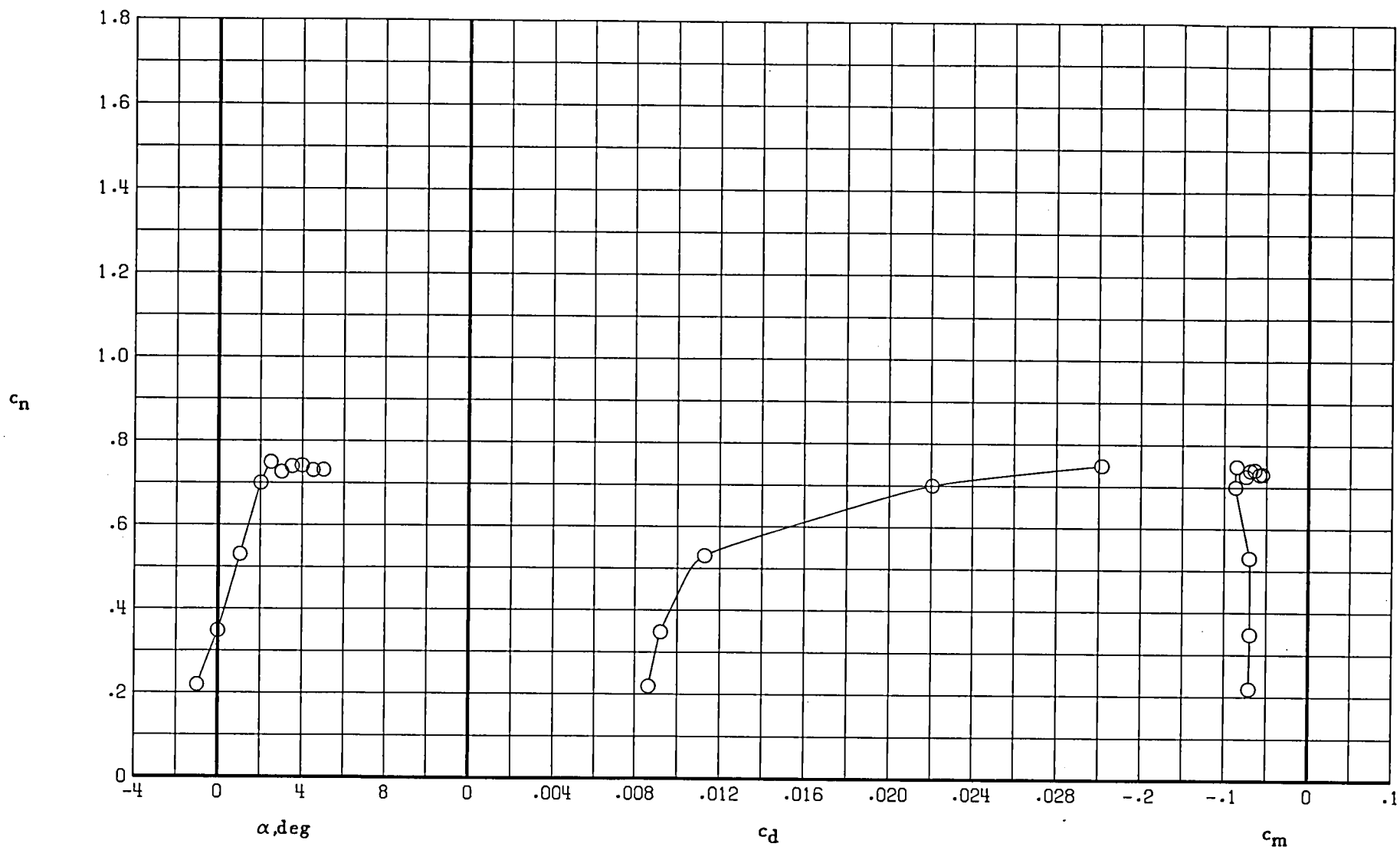
Figure 14.— Continued.



(c) $M = 0.73$

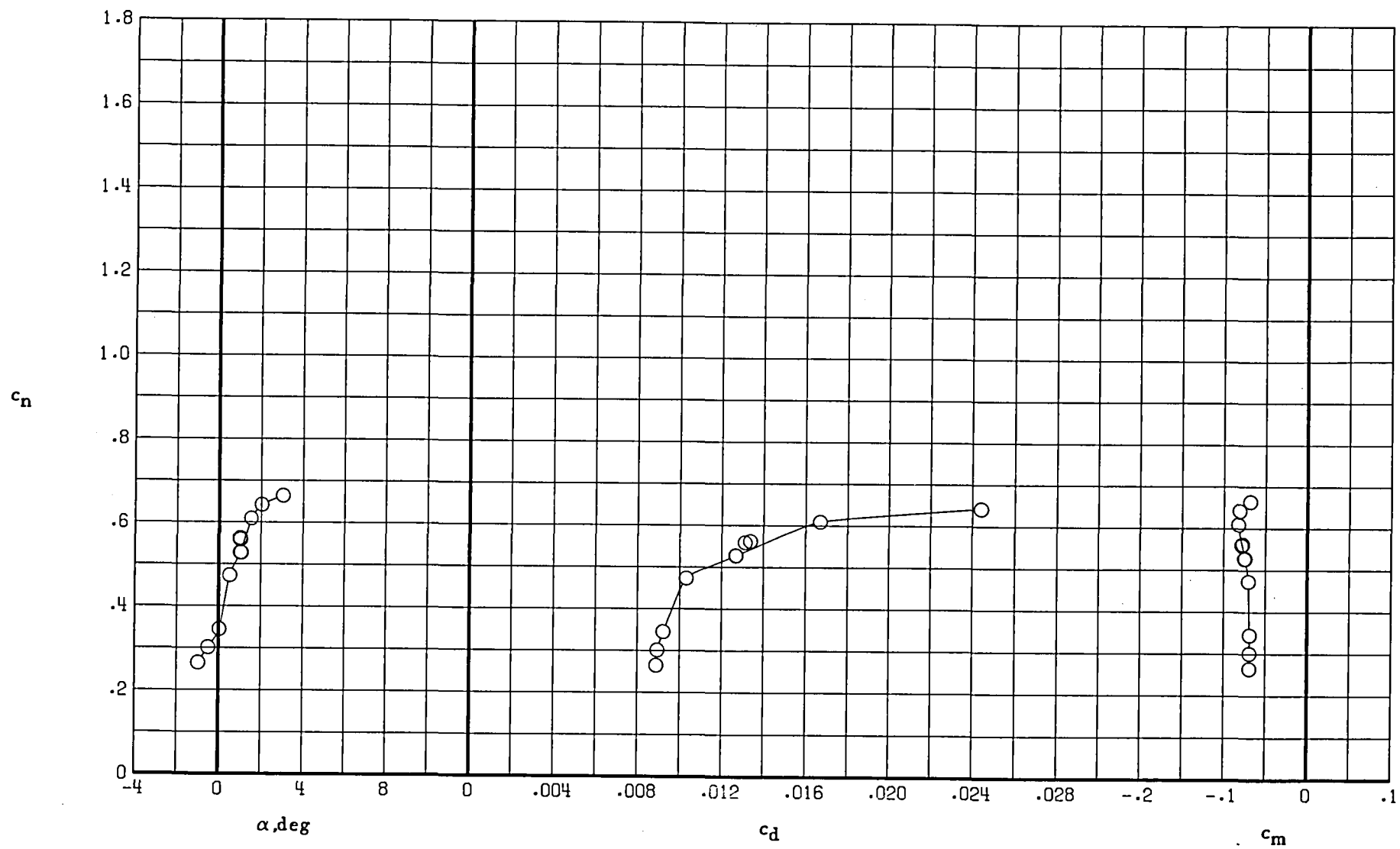
Figure 14.— Continued.





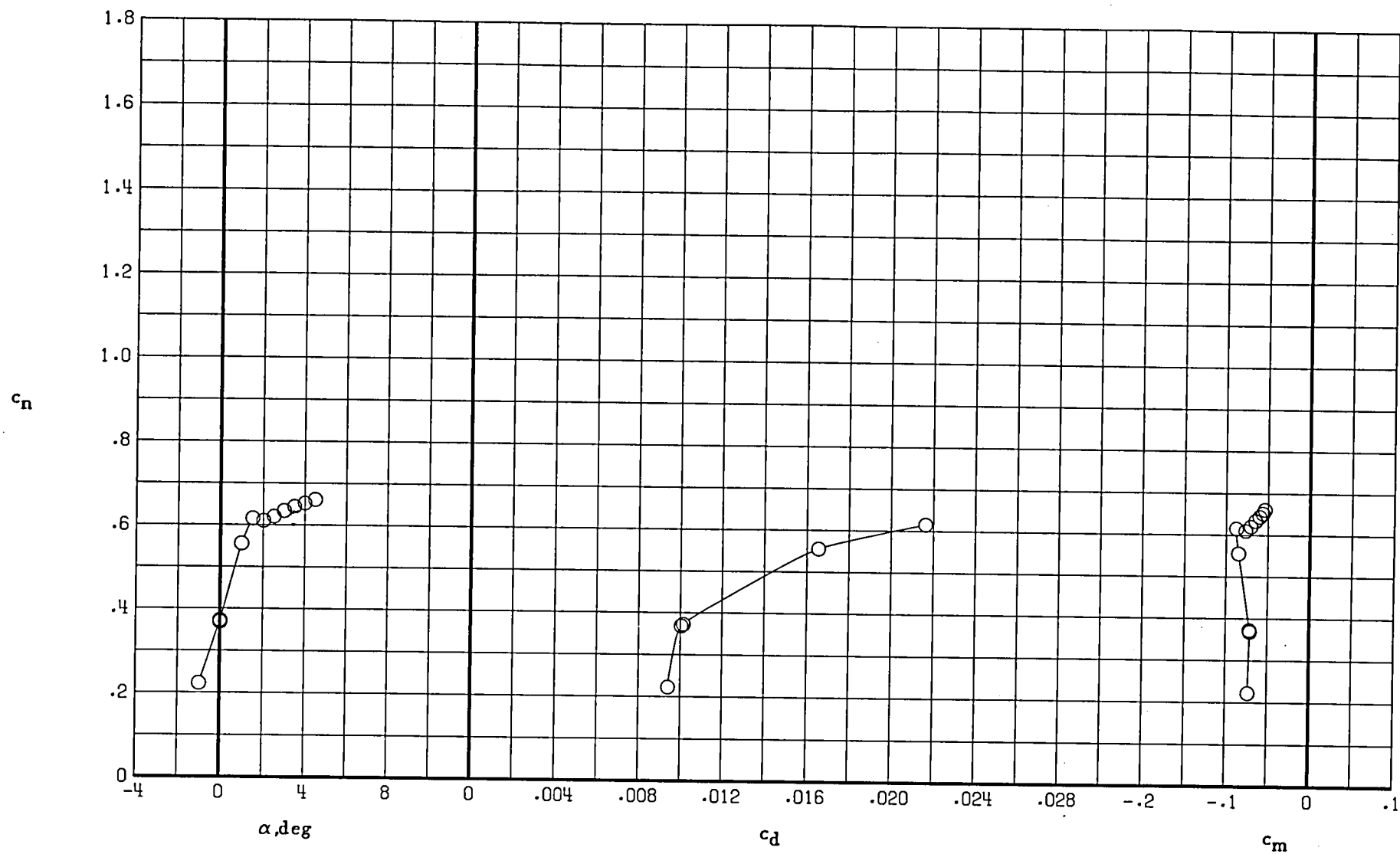
(e) $M = 0.75$

Figure 14.— Continued.



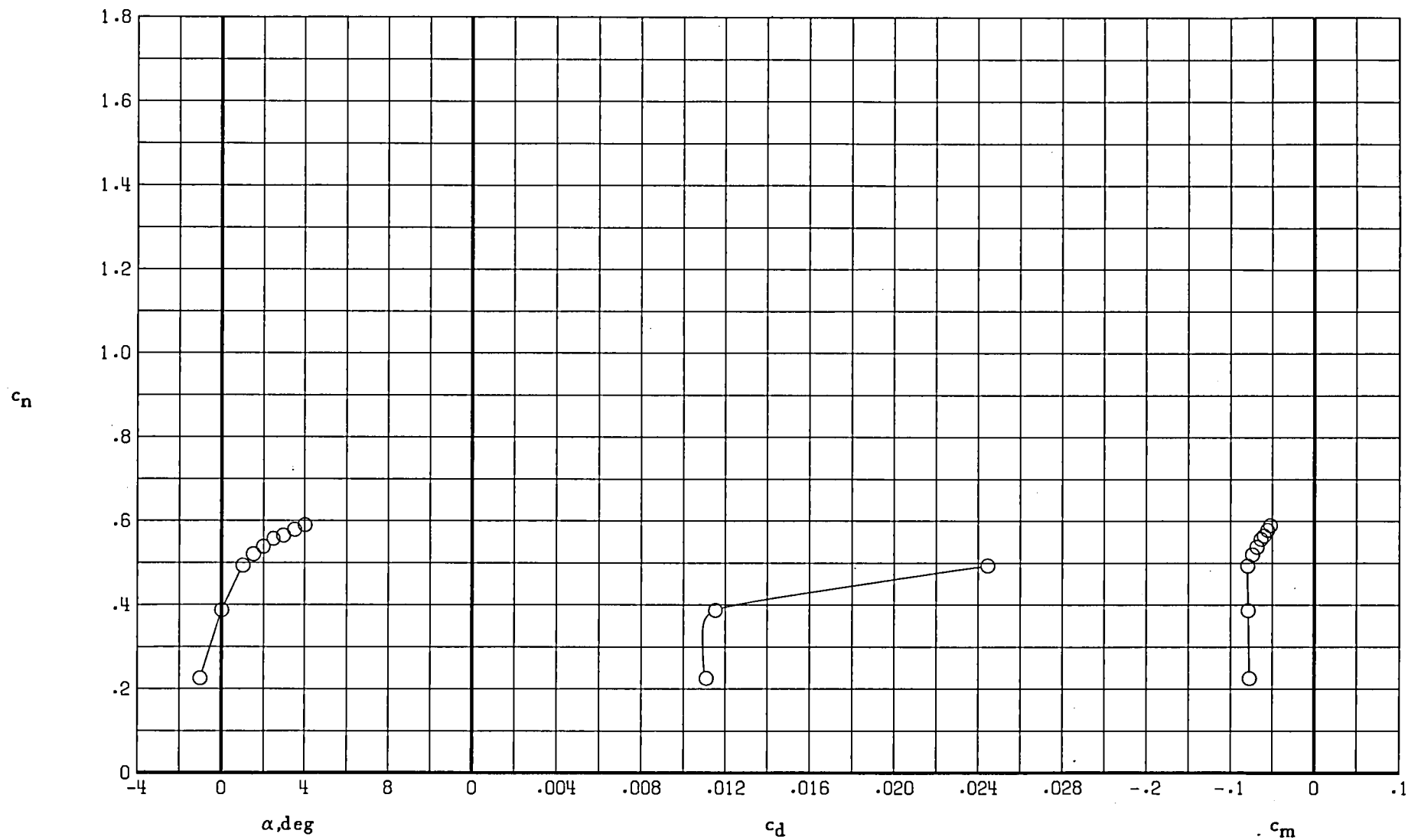
(f) $M = 0.765$

Figure 14.- Continued.



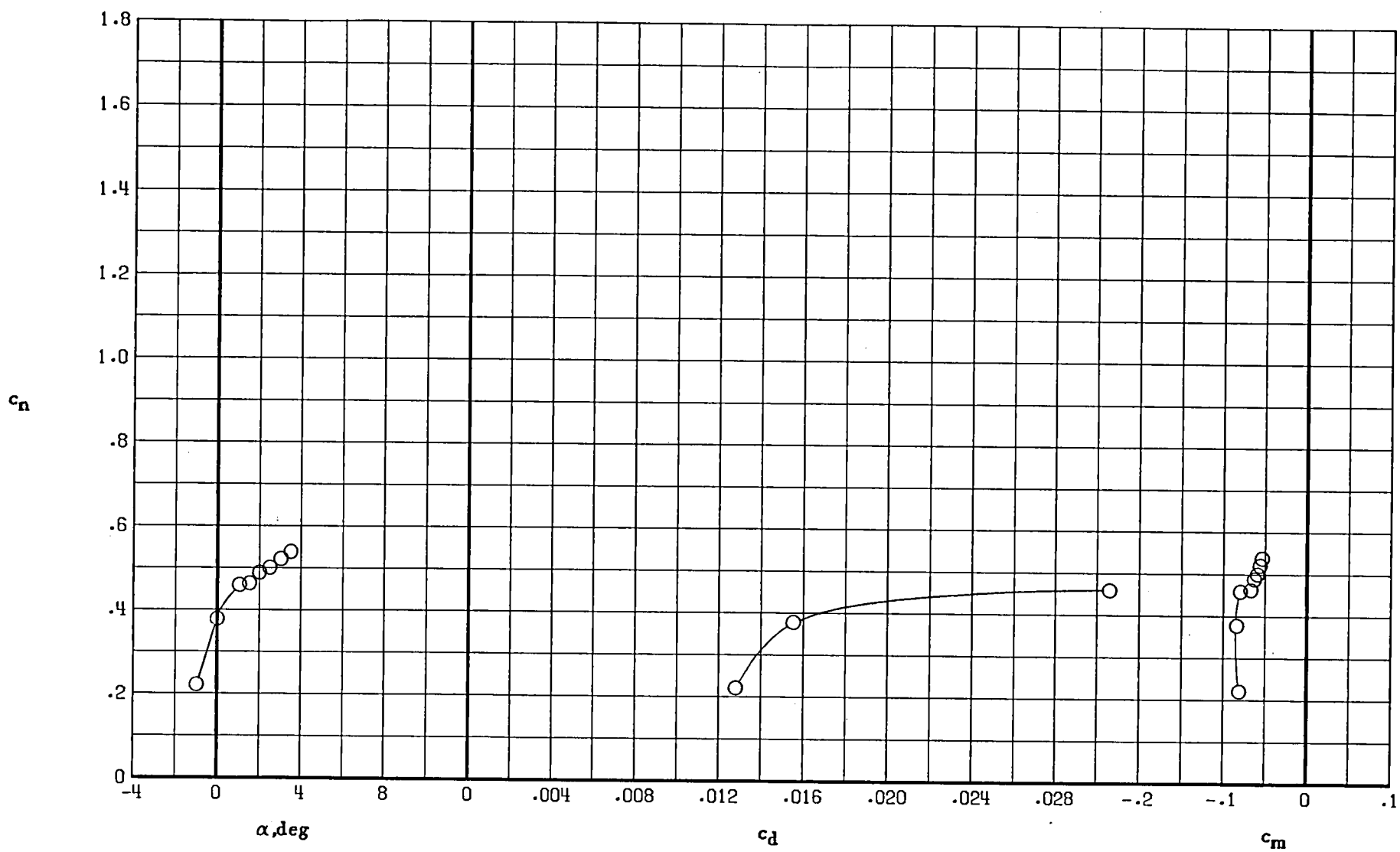
(g) $M = 0.77$

Figure 14.— Continued.



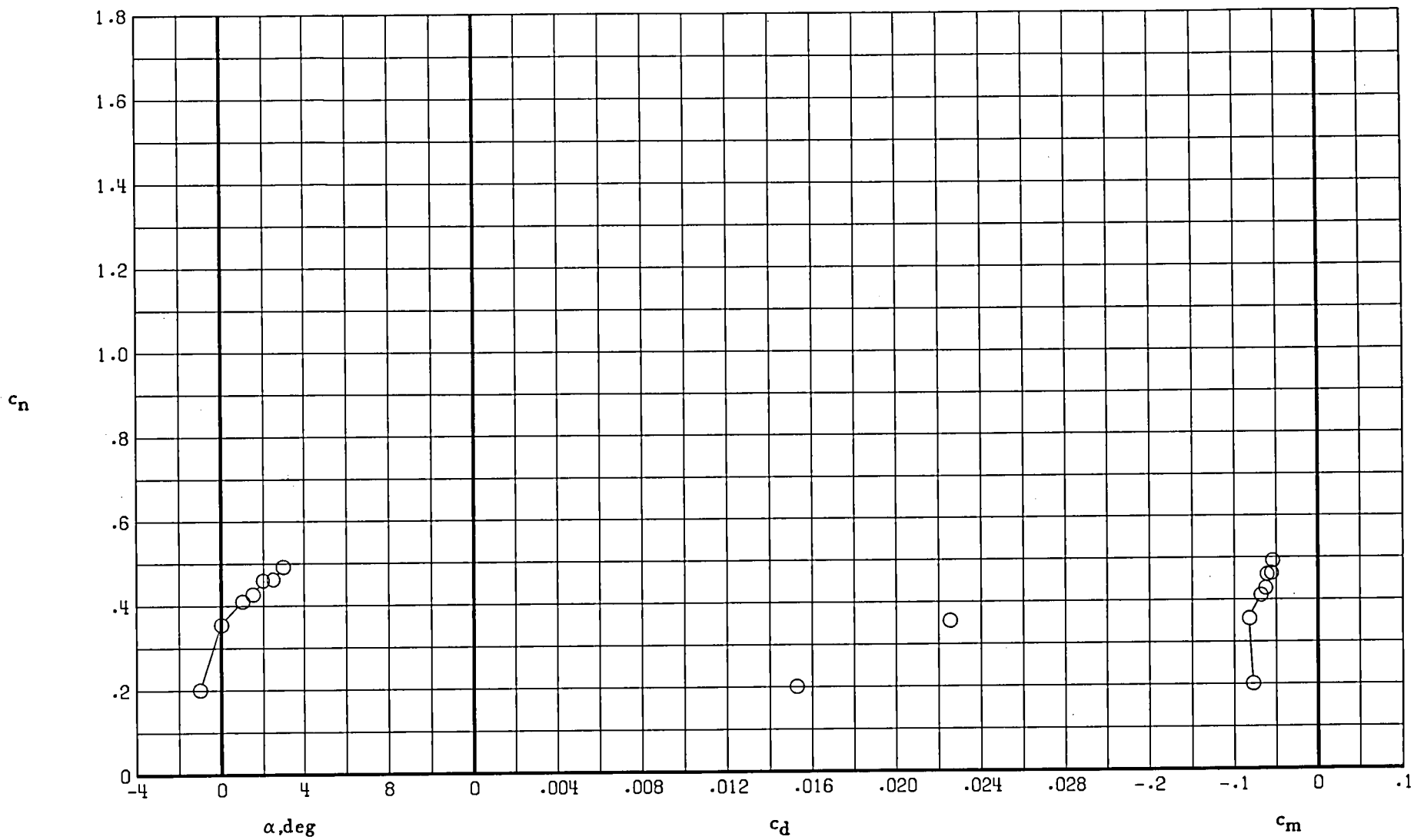
(h) $M = 0.785$

Figure 14.- Continued.



(i) $M = 0.795$

Figure 14.— Continued.



(j) $M = 0.80$

Figure 14.— Concluded.

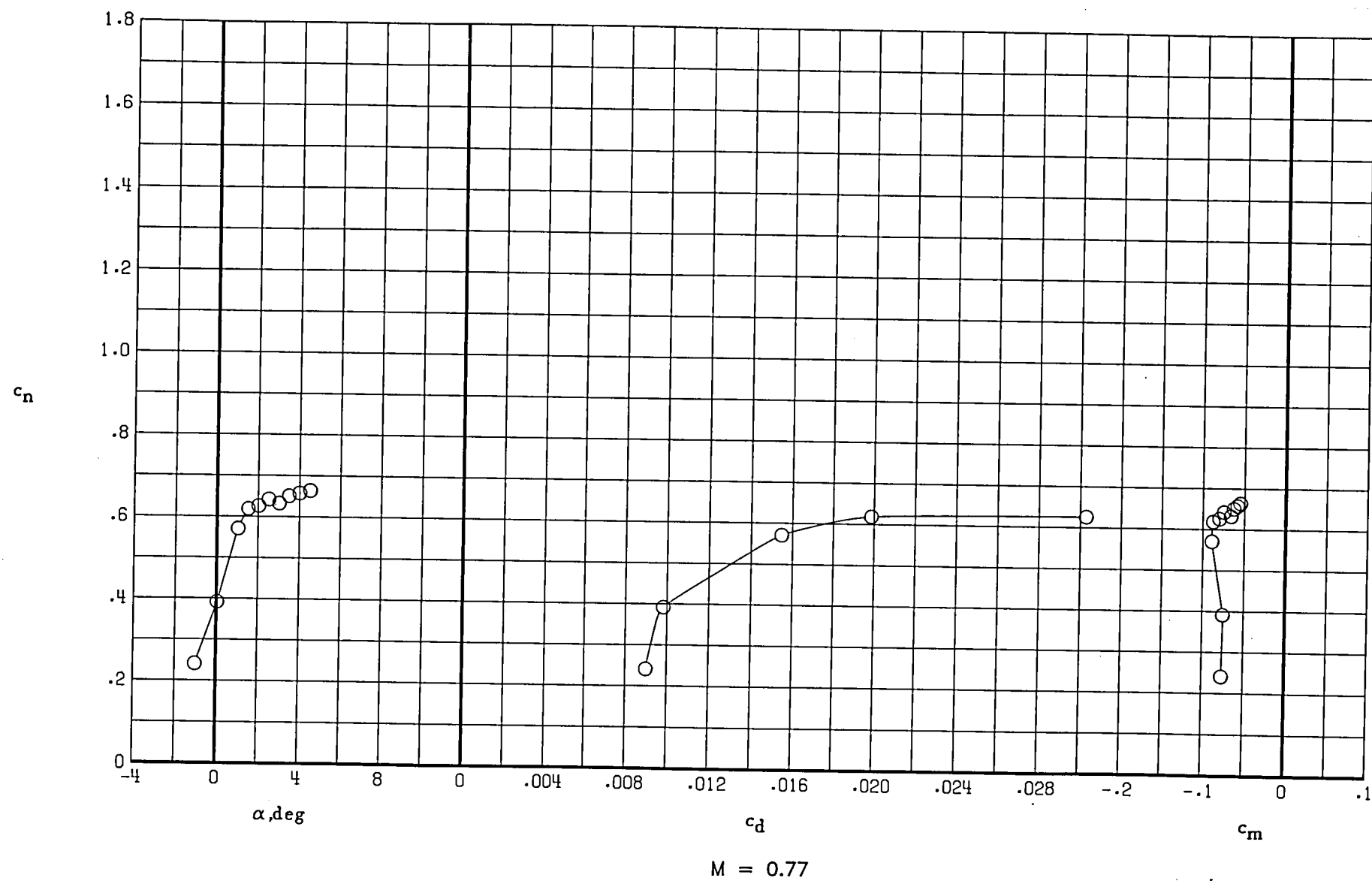


Figure 15.— Force and moment characteristics of CAST 10-2/DOA 2 airfoil. $R_c = 20.0 \times 10^6$, transition free.

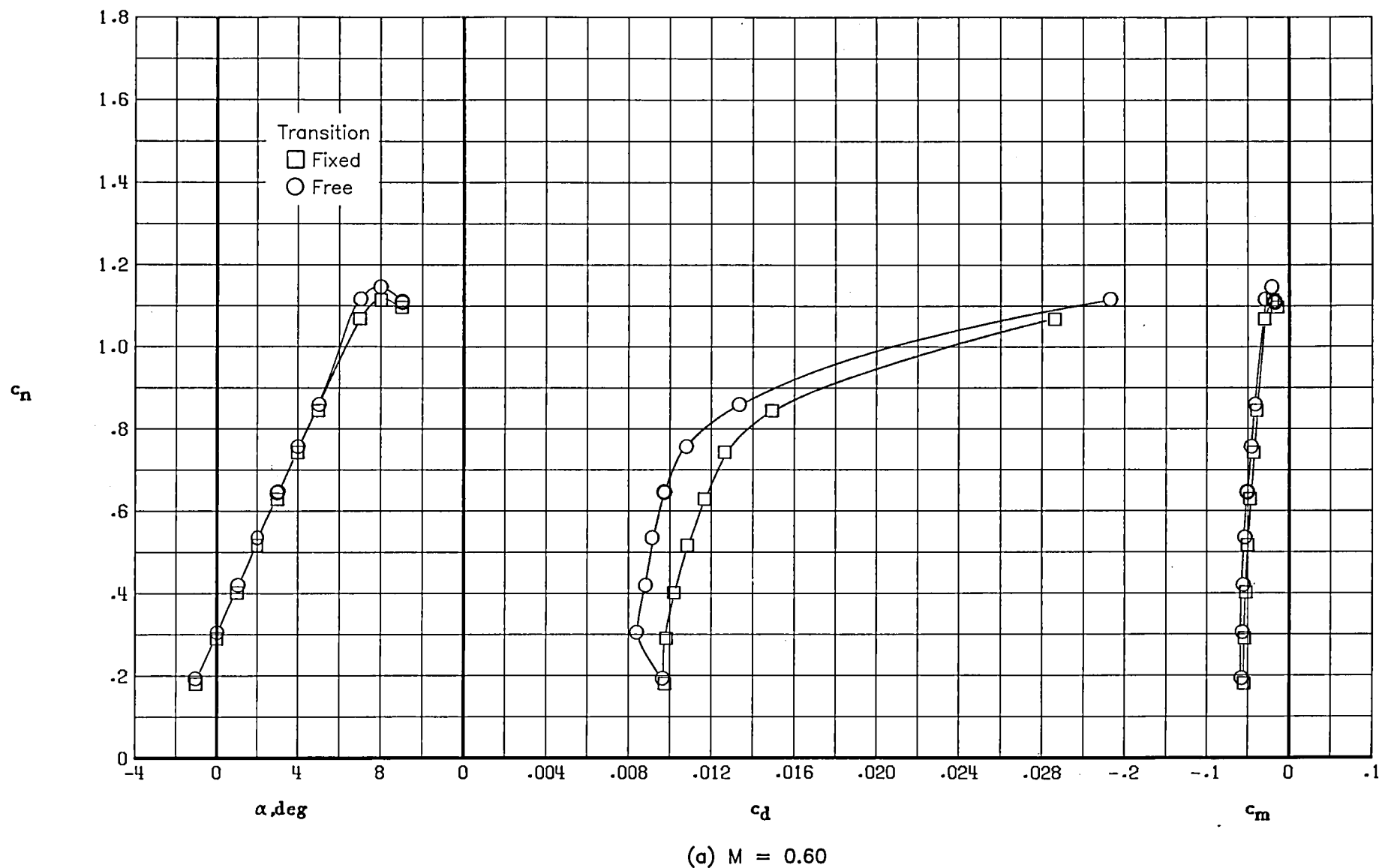
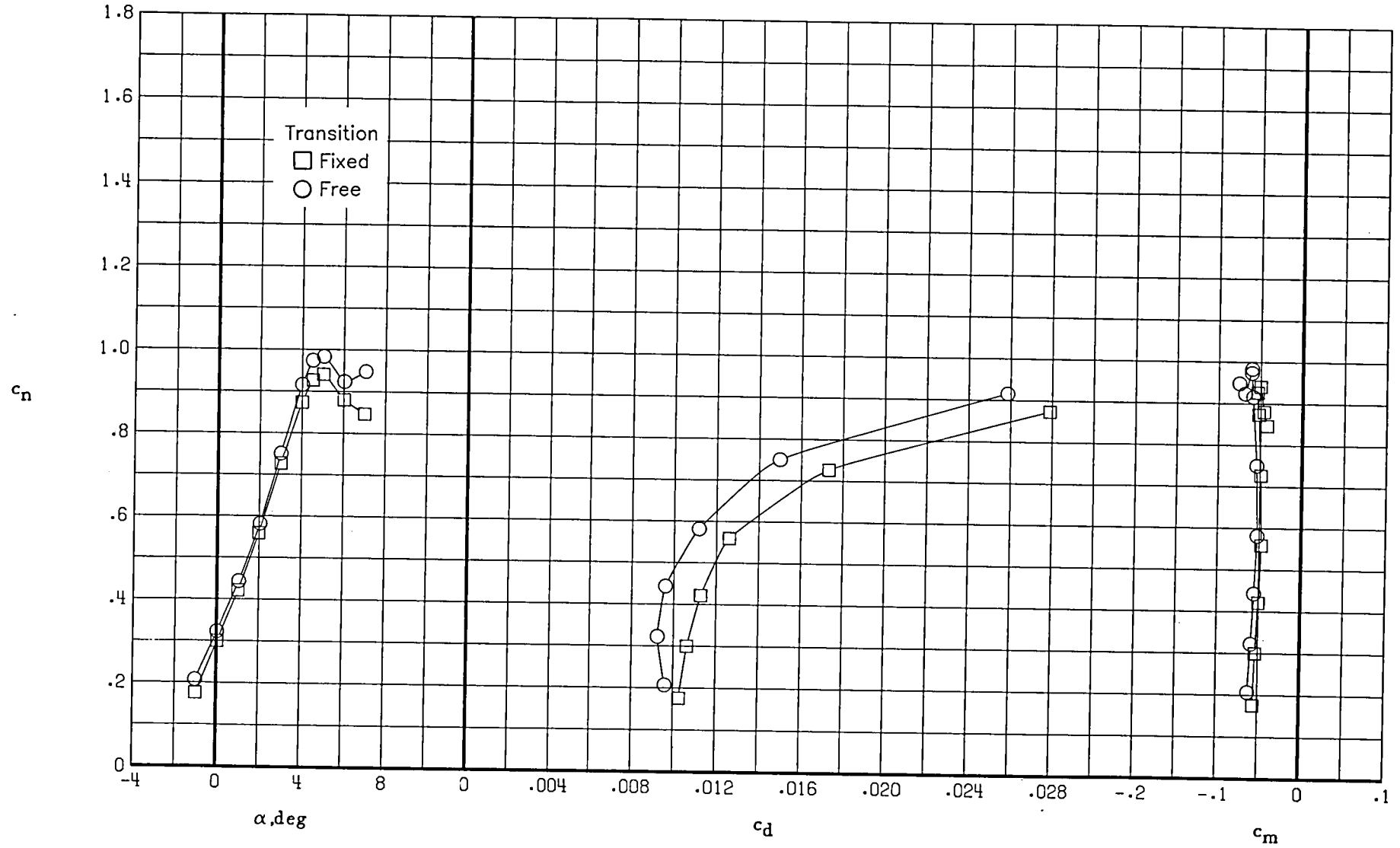
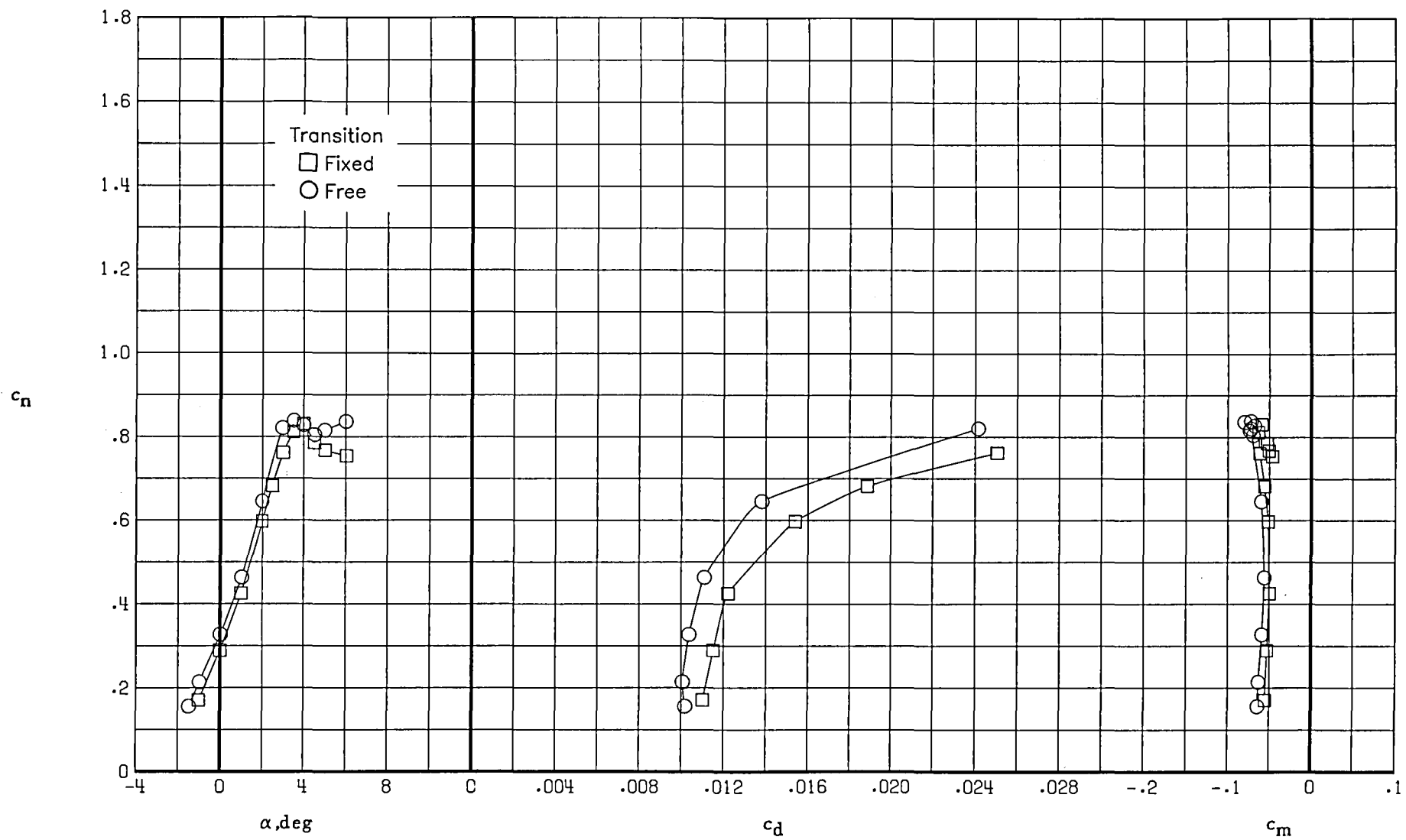


Figure 16.— Effect of fixing transition on force and moment characteristics of CAST 10-2/DOA 2 airfoil. $R_c = 4.0 \times 10^6$.



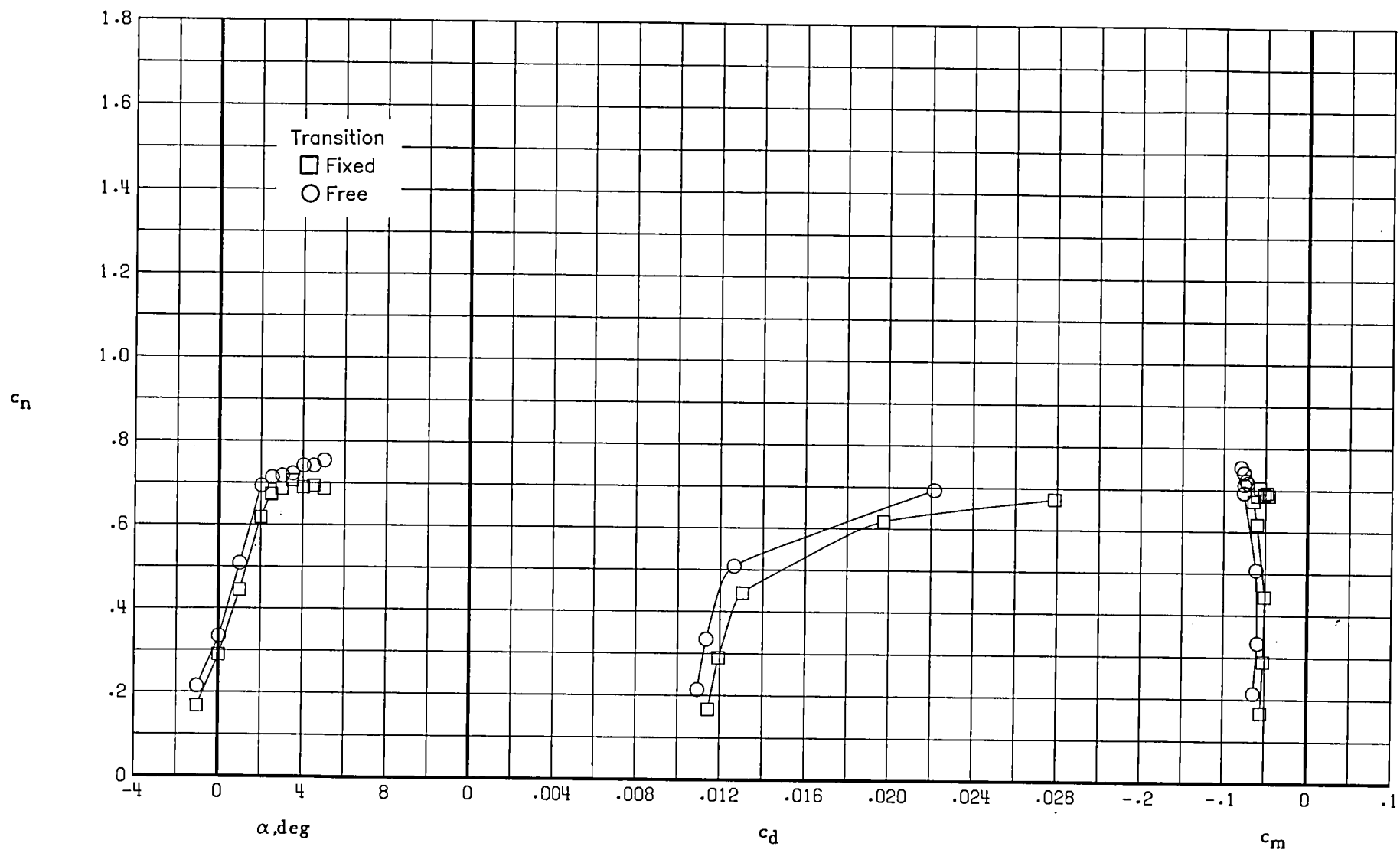
(b) $M = 0.70$

Figure 16.- Continued.



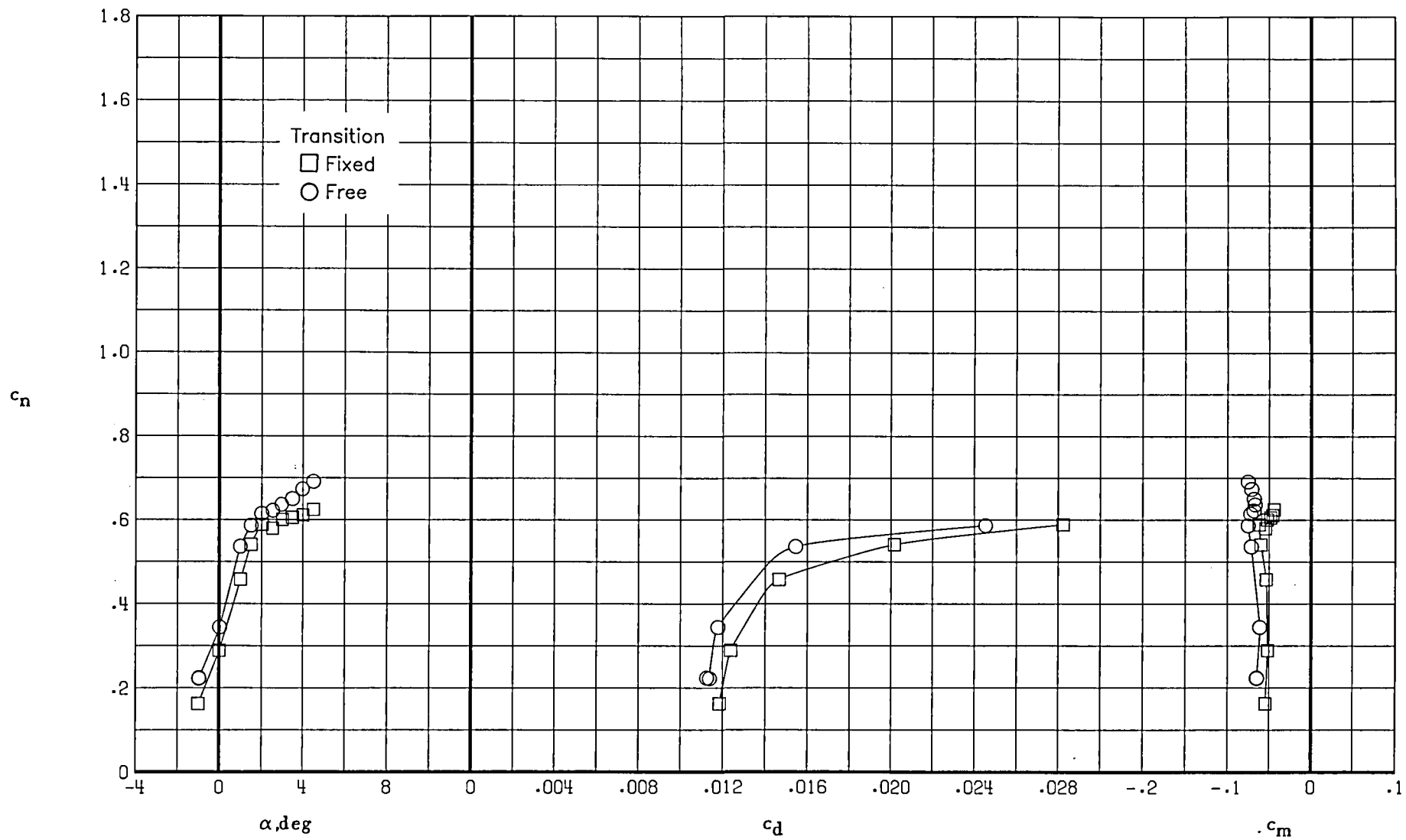
(c) $M = 0.73$

Figure 16.- Continued.



(d) $M = 0.75$

Figure 16.— Continued.



(e) $M = 0.765$

Figure 16.- Continued.

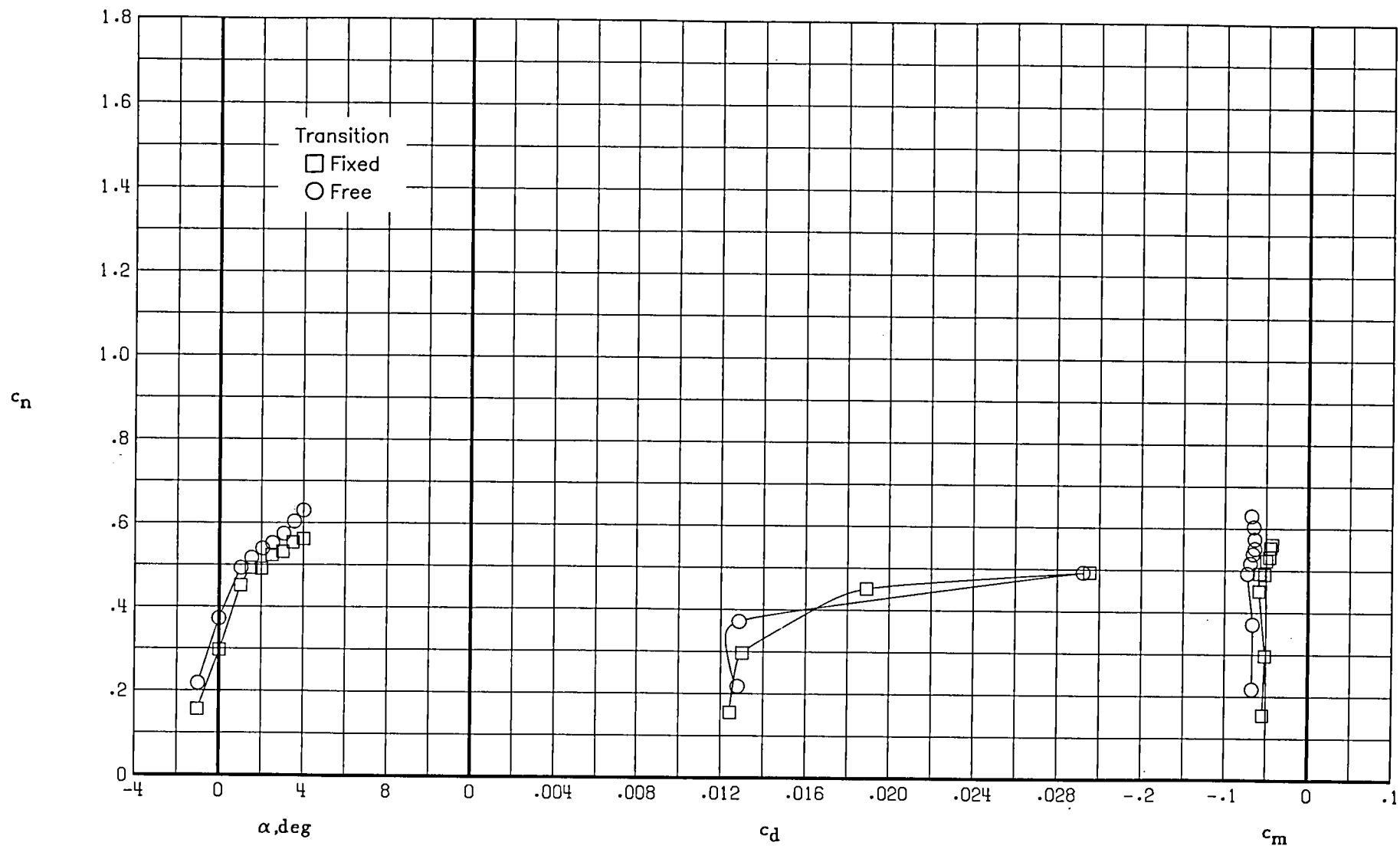
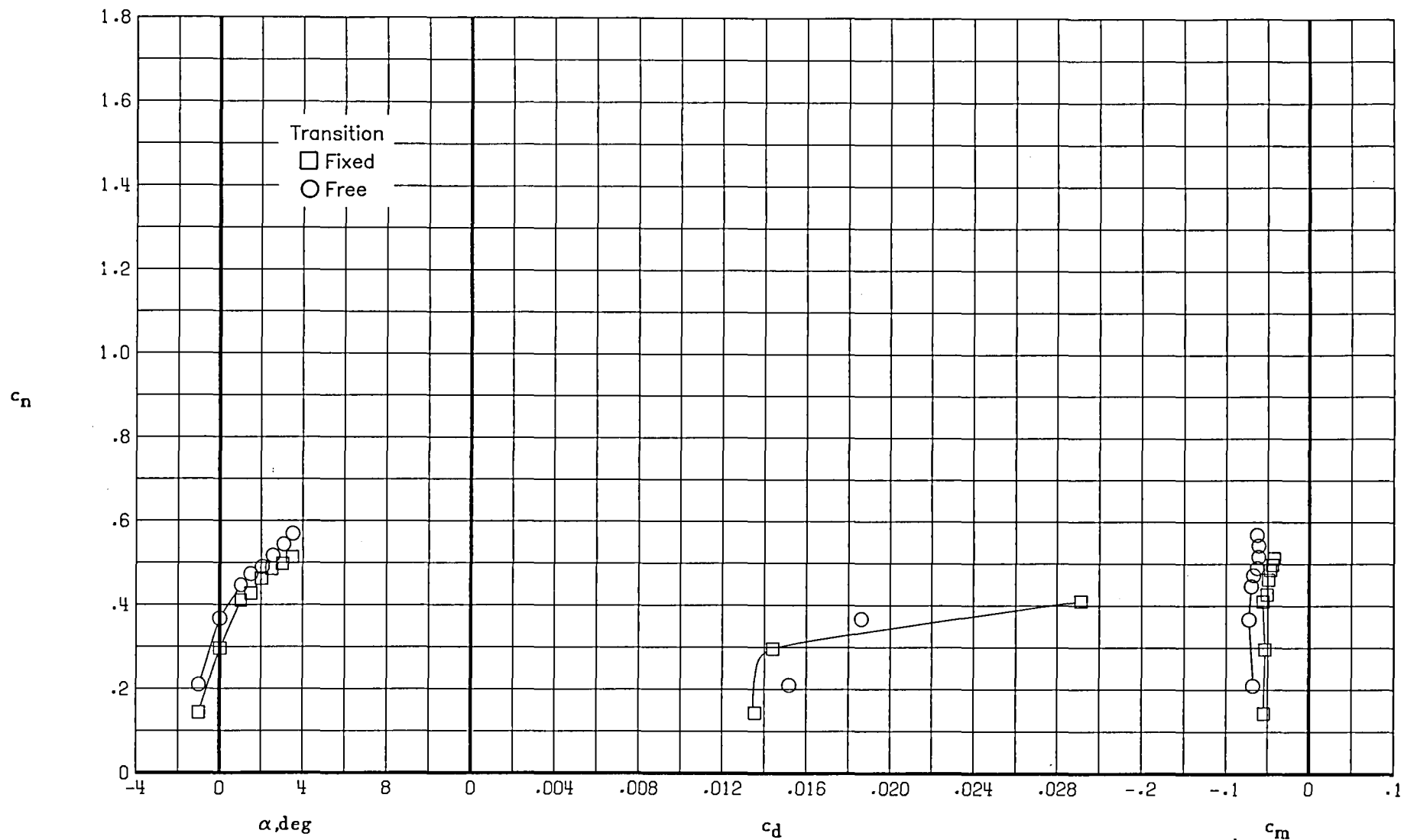
(f) $M = 0.78$

Figure 16.— Continued.



(g) $M = 0.79$

Figure 16.- Continued.

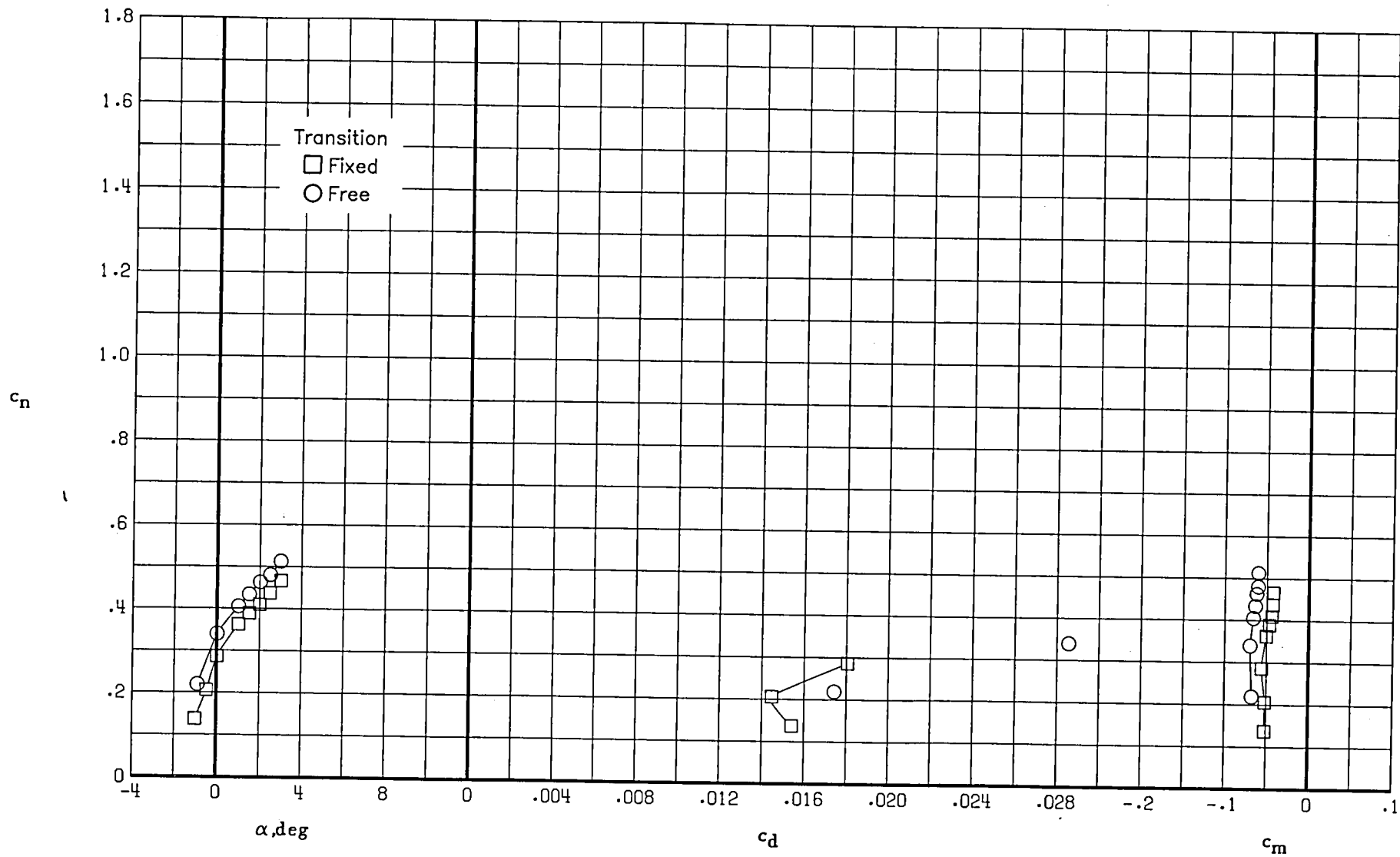
(h) $M = 0.80$

Figure 16.— Concluded.

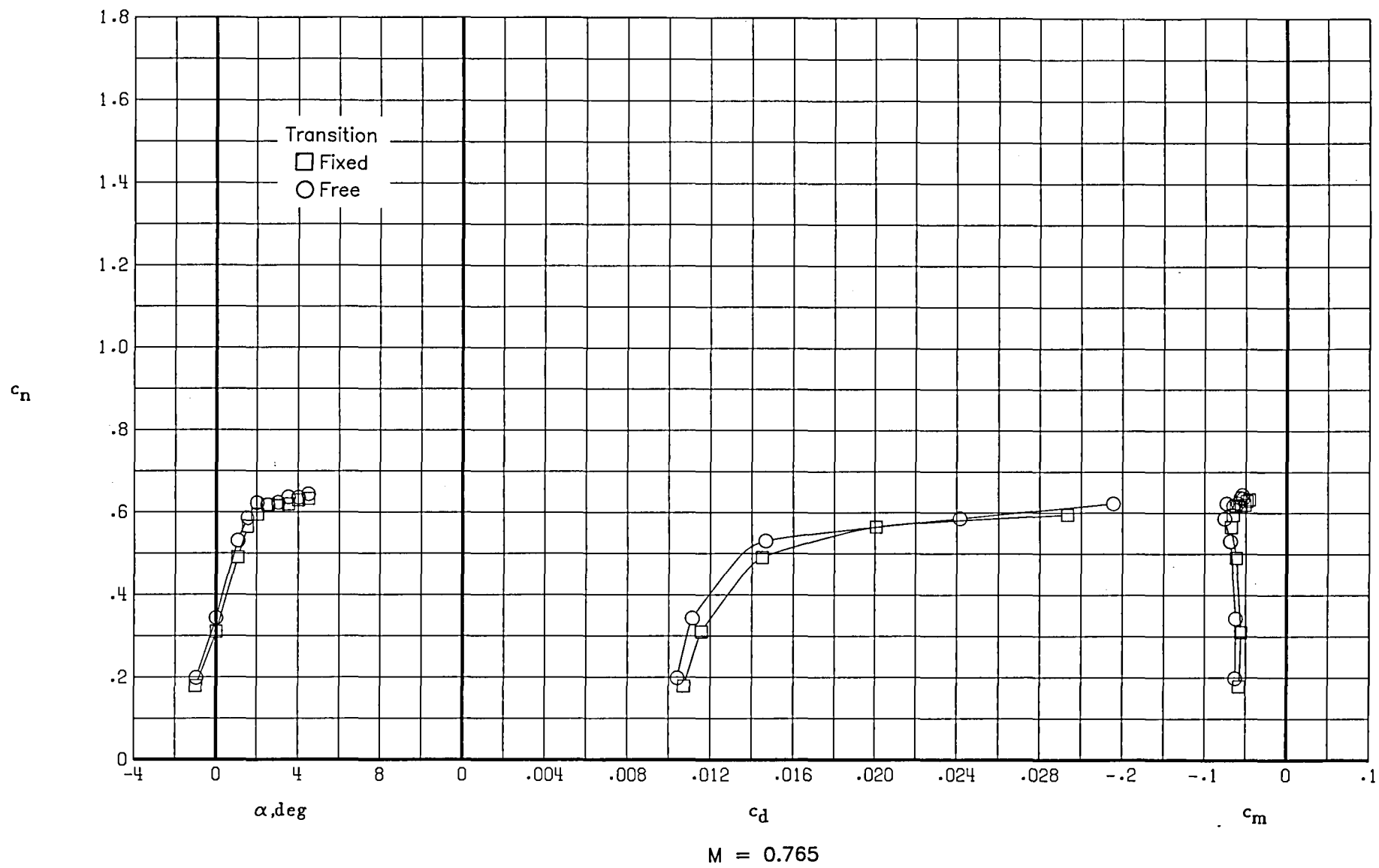


Figure 17.— Effect of fixing transition on force and moment characteristics of CAST 10-2/DOA 2 airfoil. $R_c = 6.0 \times 10^6$.

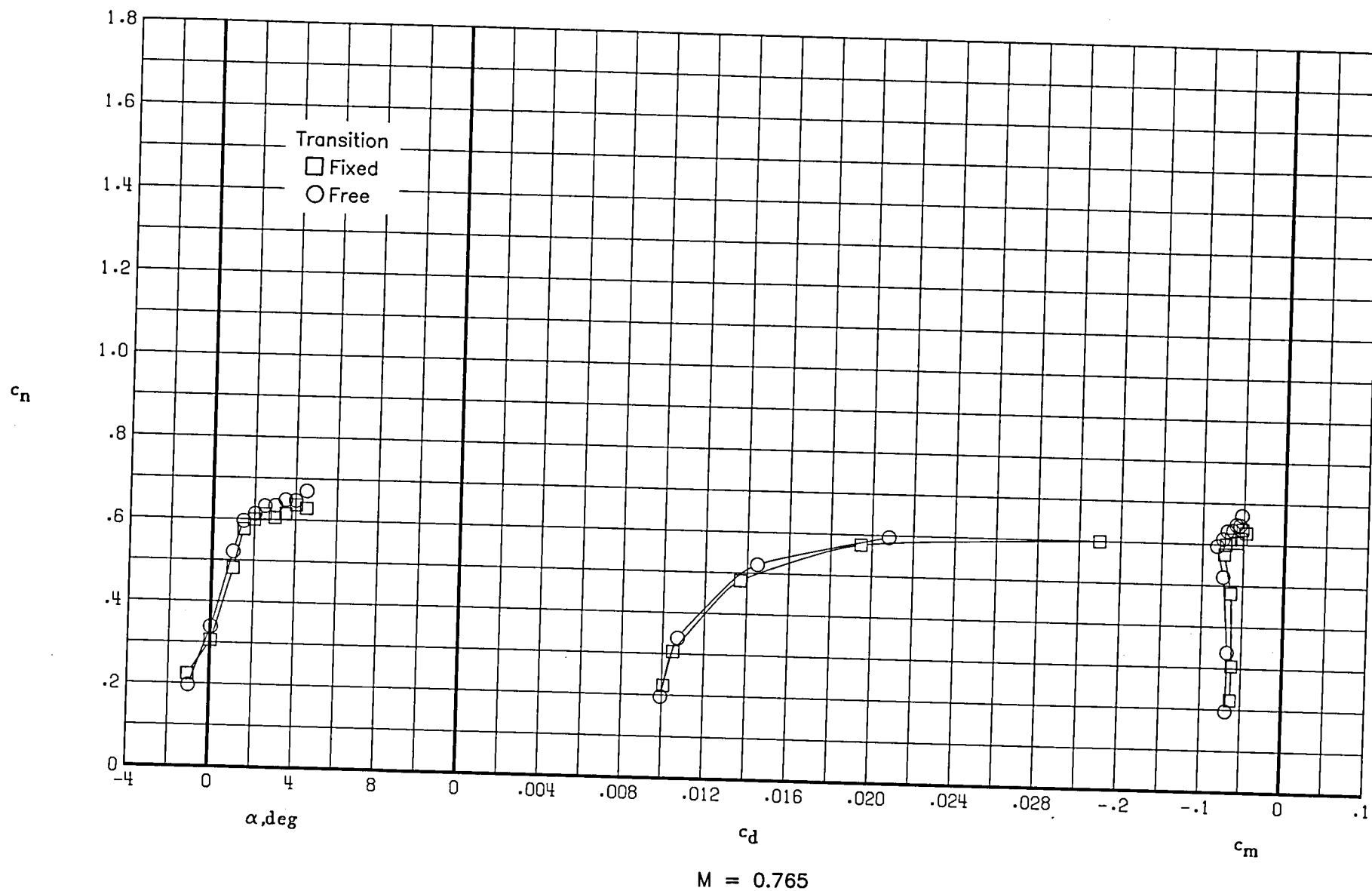


Figure 18.— Effect of fixing transition on force and moment characteristics of CAST 10-2/DOA 2 airfoil. $R_c = 10.0 \times 10^6$.

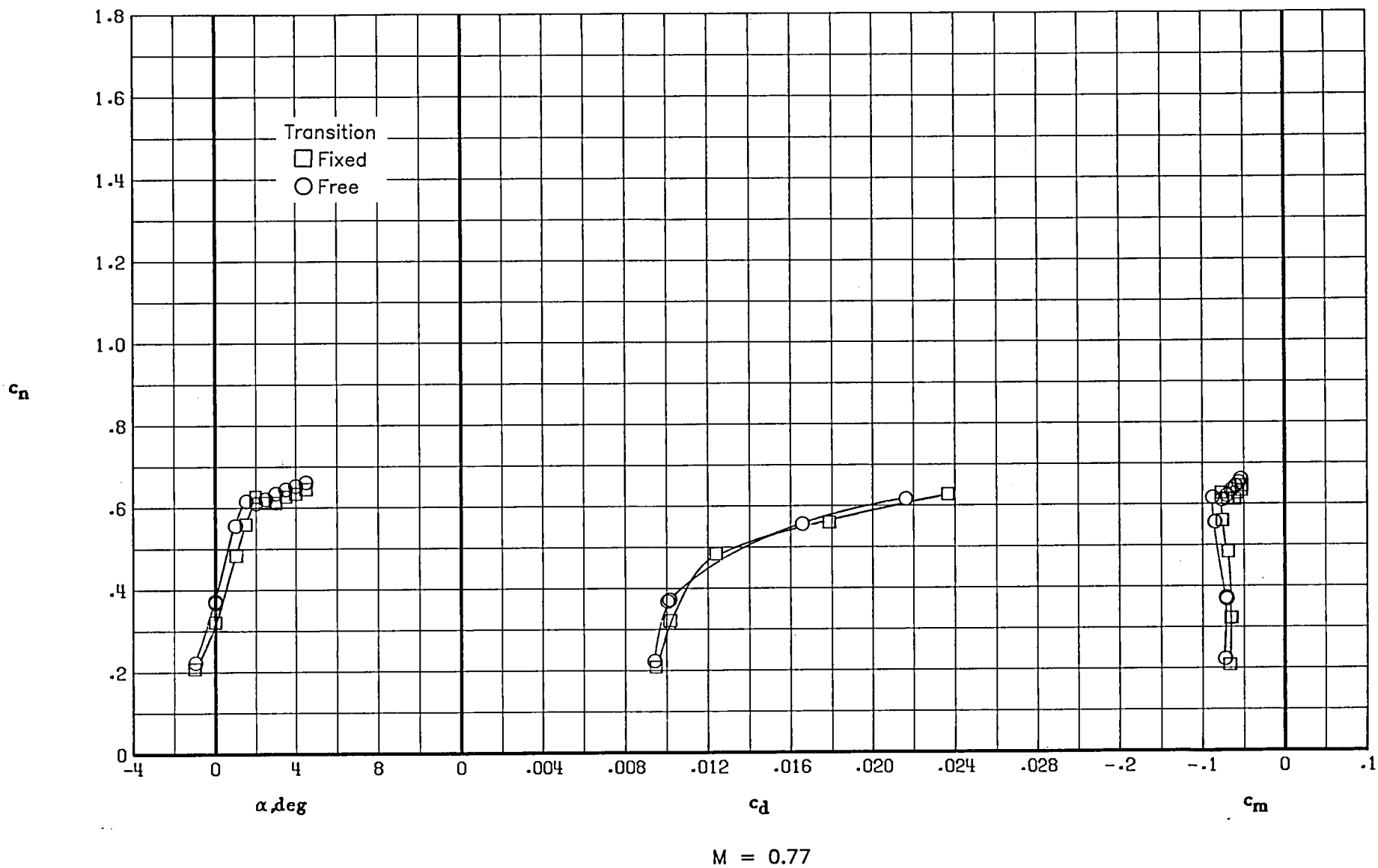


Figure 19.— Effect of fixing transition on force and moment characteristics of CAST 10-2/DOA 2 airfoil. $R_c = 15.0 \times 10^6$.

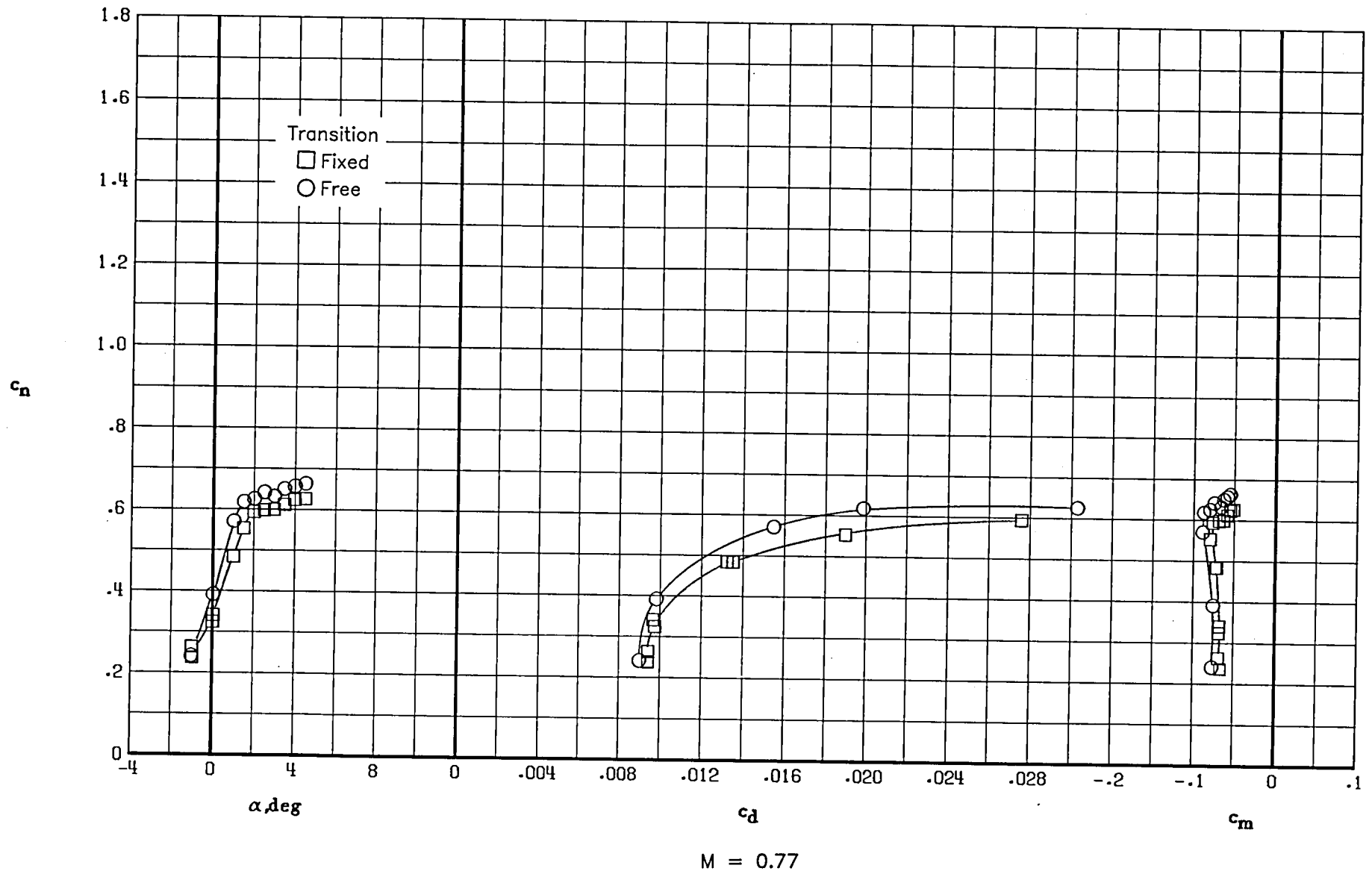


Figure 20.— Effect of fixing transition on force and moment characteristics of CAST 10-2/DOA 2 airfoil. $R_c = 20.0 \times 10^6$.

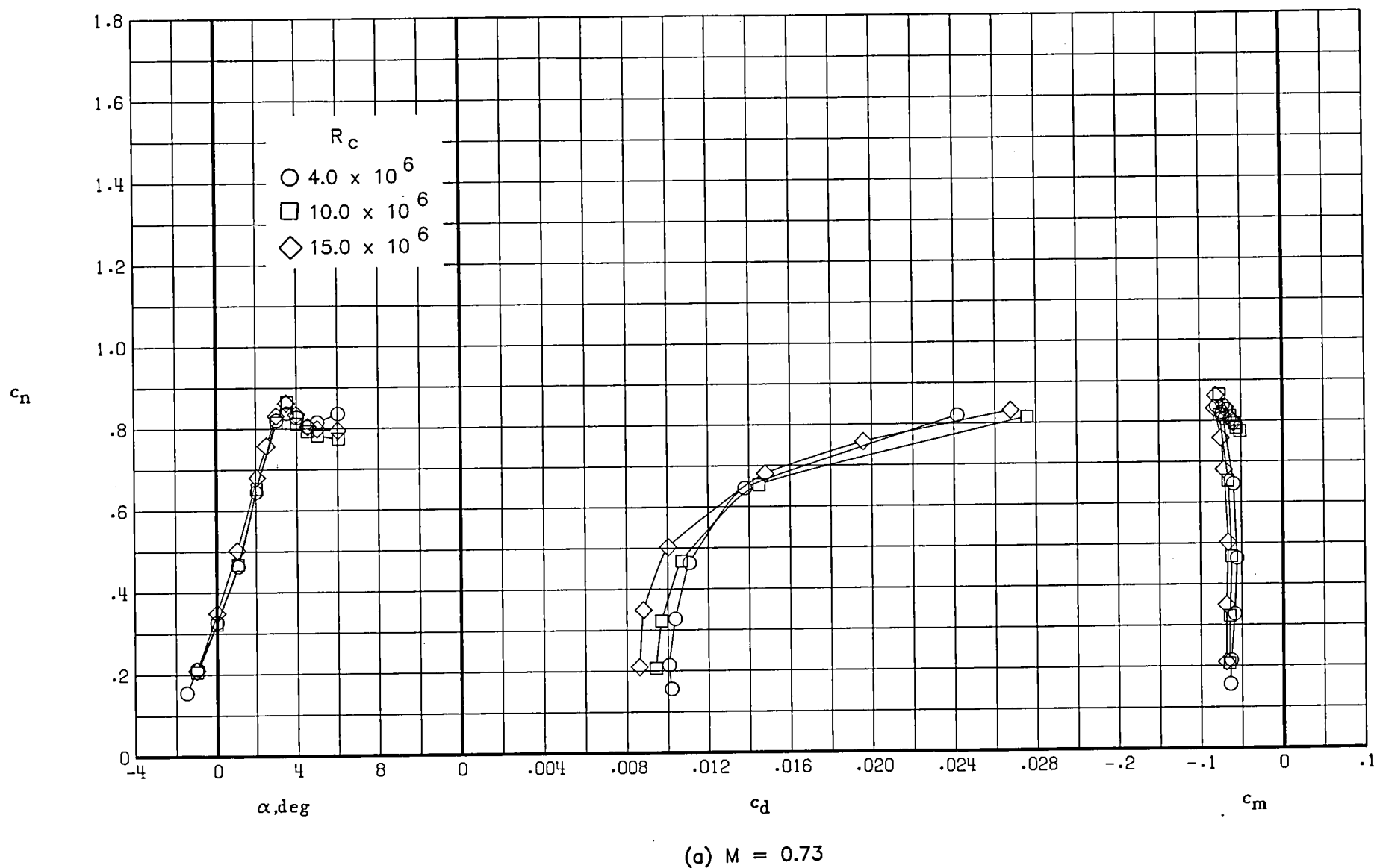
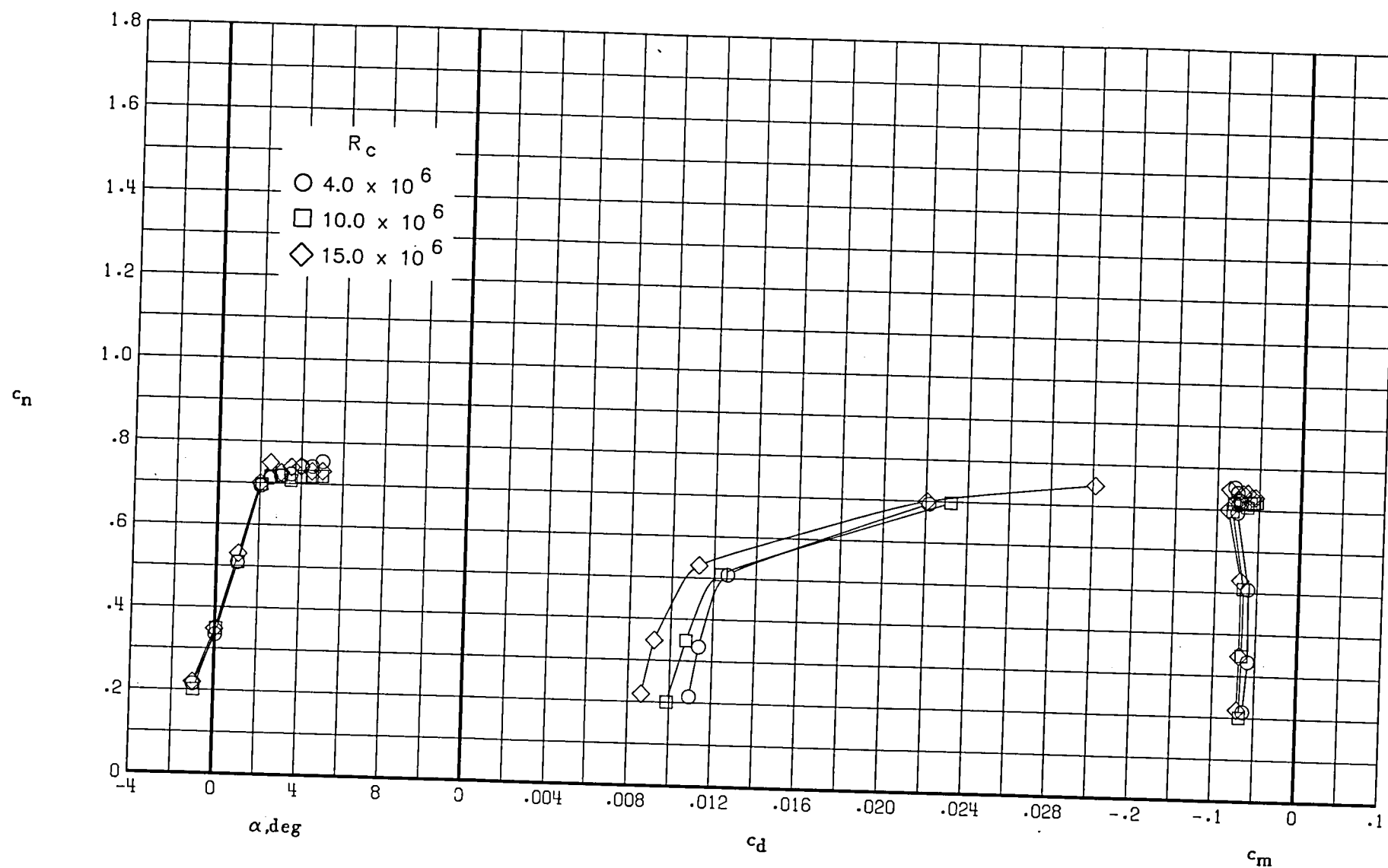
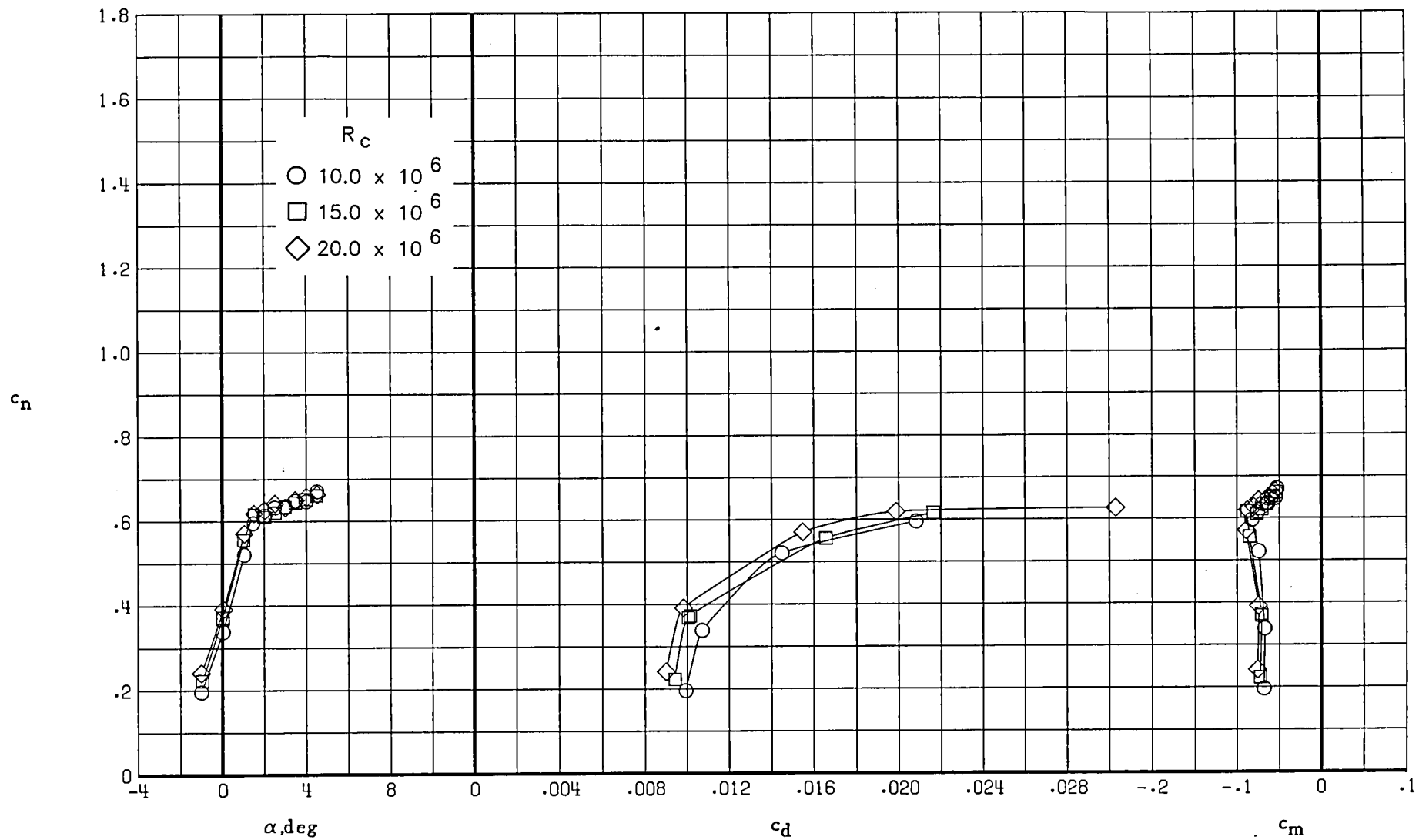


Figure 21.— Effect of Reynolds number on force and moment characteristics of CAST 10-2/DOA 2 airfoil. Transition free.



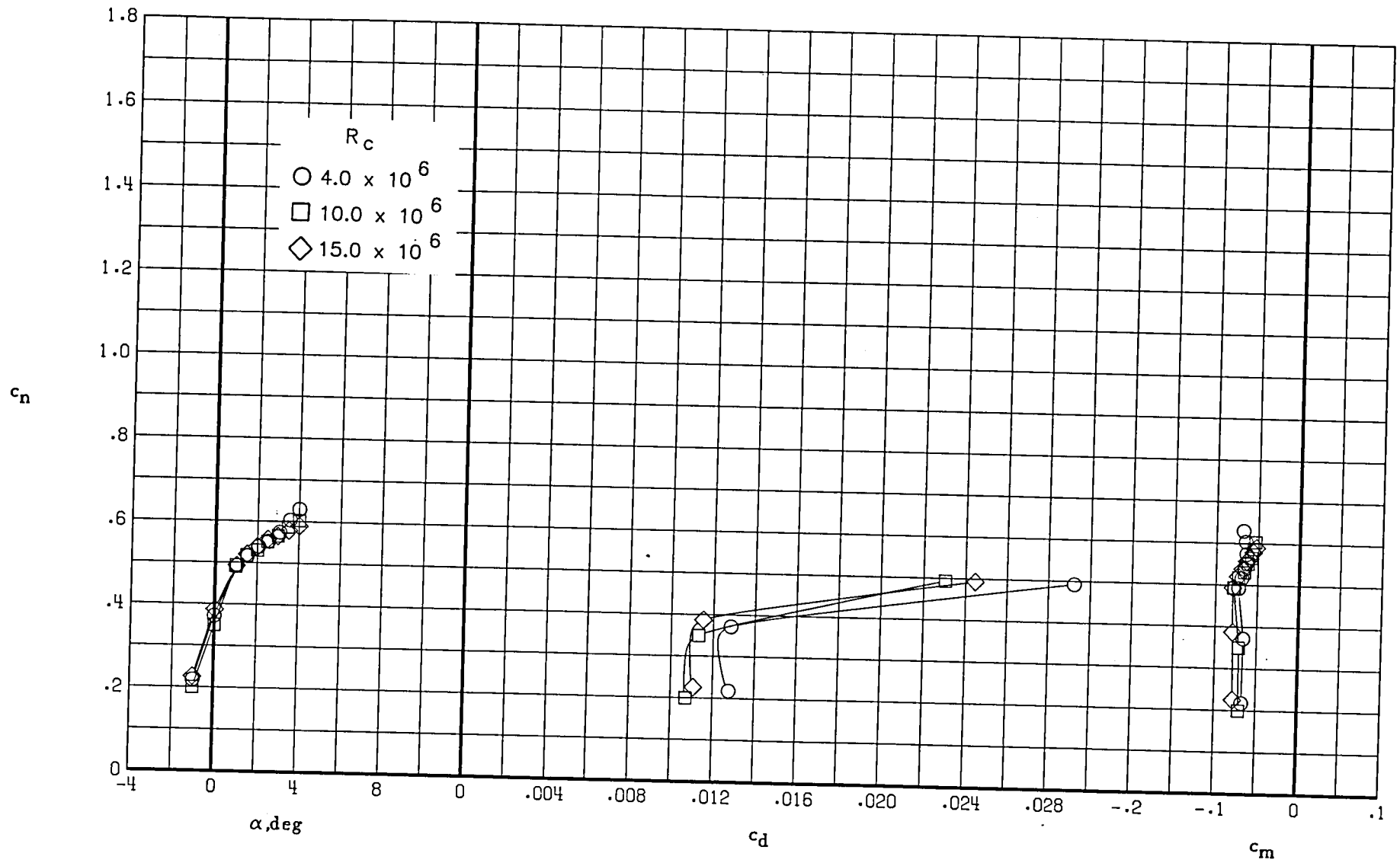
(b) $M = 0.75$

Fig. 21.— Continued.



(c) $M = 0.765$

Fig. 21.- Continued.



(d) $M = 0.78$

Fig. 21.- Concluded.

APPENDIX A

The tabulated data presented in this appendix is transition free data from tests of the CAST 10-2/DOA 2 airfoil in the 0.3-m TCT.

PT 1.6393 ATM
 TT 254.2928 K
 RC 2.0236 MILLION
 MACH .7290
 ALPHA -1.0626 DEG

CN .2412
 CM -.0723
 CC .0097

CD2 .01043
 CD3 .00699
 CD4 .00617
 CD5 .00633
 CD6 .00624

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0938	.9877	.1329
.0040	.8906	.9344	.3126
.0150	.3910	.8033	.5678
.0250	.1601	.7428	.6654
.0400	-.1281	.6672	.7824
.0600	-.3247	.6156	.8618
.0800	-.4552	.5814	.9150
.1000	-.5270	.5626	.9447
.1400	-.5753	.5499	.9649
.1799	-.5764	.5496	.9653
.2201	-.5721	.5507	.9635
.2600	-.5571	.5547	.9573
.3000	-.5440	.5581	.9518
.3400	-.5264	.5627	.9445
.3801	-.5327	.5611	.9471
.4199	-.5407	.5590	.9504
.4600	-.5651	.5526	.9606
.5000	-.5741	.5502	.9644
.5400	-.5437	.5450	.9726
.5799	-.6138	.5398	.9811
.6201	-.6216	.5377	.9844
.6600	-.5985	.5438	.9746
.7000	-.5387	.5595	.9496
.7500	-.4269	.5888	.9034
.8000	-.2648	.6313	.8376
.8500	-.0920	.6767	.7679
.9237	.0855	.7232	.6960
.9749	.1701	.7454	.6613

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0938	.9877	.1329
.0040	-.2059	.6468	.8138
.0080	-.3560	.6074	.8745
.0262	-.2070	.6465	.8142
.0500	-.1344	.6655	.7850
.1000	-.1774	.6543	.8023
.1500	-.2034	.6474	.8128
.2000	-.2336	.6395	.8249
.2500	-.2671	.6307	.8385
.3500	-.3730	.6029	.8814
.4500	-.4390	.5856	.9084
.5500	-.3449	.6103	.8700
.6500	-.1106	.6718	.7754
.7500	.0447	.7125	.7126
.8000	.1009	.7272	.6897
.8500	.1486	.7398	.6702
.9000	.1882	.7502	.6538
.9500	.1971	.7525	.6501

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5399	.5592
.5000	.5427	-.5704	.5512
.5000	.3454	-.5823	.5480
.5000	.1480	-.5881	.5465
.5000	-.1480	-.5915	.5456
.5000	-.5427	-.5706	.5511
.5000	-.7401	-.5375	.5598

PT 1.6397 ATM
 TT 254.3392 K
 RC 2.0261 MILLION
 MACH .7305
 ALPHA .0234 DEG

CN .3651
 CM -.0661
 CC .0066

CD2 .01033
 CD3 .00772
 CD4 .00656
 CD5 .00703
 CD6 .00698

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1353	.9986	.0447
.0040	.7196	.8896	.4120
.0150	.1917	.7511	.6523
.0250	-.0275	.6936	.7419
.0400	-.3268	.6151	.8626
.0600	-.5214	.5640	.9424
.0800	-.6593	.5279	1.0003
.1000	-.7425	.5060	1.0361
.1400	-.7779	.4967	1.0516
.1799	-.7774	.4969	1.0513
.2201	-.7276	.5100	1.0296
.2600	-.6775	.5231	1.0081
.3000	-.6402	.5329	.9922
.3400	-.6037	.5424	.9768
.3801	-.5983	.5439	.9745
.4199	-.5954	.5446	.9733
.4600	-.6021	.5429	.9761
.5000	-.6177	.5388	.9827
.5400	-.6290	.5358	.9875
.5799	-.6343	.5344	.9897
.6201	-.6328	.5348	.9891
.6600	-.5925	.5454	.9721
.7000	-.5173	.5651	.9407
.7500	-.3916	.5981	.8890
.8000	-.2388	.6382	.8270
.8500	-.0755	.6810	.7612
.9237	.0873	.7237	.6953
.9749	.1506	.7463	.6693

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1353	.9986	.0447
.0040	.2095	.7558	.6449
.0080	.0258	.7076	.7203
.0262	.0283	.7082	.7193
.0500	.0310	.7089	.7182
.1000	-.0473	.6884	.7498
.1500	-.0954	.6758	.7692
.2000	-.1380	.6646	.7864
.2500	-.1834	.6527	.8047
.3500	-.2981	.6226	.8510
.4500	-.3806	.6010	.8845
.5500	-.3096	.6196	.8556
.6500	-.0919	.6767	.7678
.7500	.0587	.7162	.7069
.8000	.1122	.7302	.6851
.8500	.1488	.7398	.6700
.9000	.1860	.7496	.6547
.9500	.1902	.7507	.6530

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5746	.5501
.5000	.5427	-.6103	.5407
.5000	.3454	-.6211	.5379
.5000	.1480	-.6210	.5379
.5000	-.1480	-.6329	.5348
.5000	-.5427	-.6069	.5416
.5000	-.7401	-.5623	.5533

PT 1.6393 ATM
 TT 254.3839 K
 RC 2.0249 MILLION
 MACH .7303
 ALPHA 1.0183 DEG

CN .4706
 CM -.0564
 CC .0013

CD2 .01081
 CD3 .01058
 CD4 .00962
 CD5 .00983
 CD6 .00966

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1335	.9980	.0533	0.0000	1.1335	.9980	.0533	.5000	.7401	-.5920	.5447	.9732
.0040	.5489	.8444	.4971	.0040	.4786	.8260	.5295	.5000	.5427	-.6154	.5385	.9831
.0150	.0115	.7032	.7270	.0080	.2828	.7745	.6150	.5000	.3454	-.6159	.5384	.9833
.0250	-.1933	.6494	.8097	.0262	.2002	.7528	.6496	.5000	.1480	-.6244	.5361	.9869
.0400	-.4976	.5695	.9338	.0500	.1600	.7423	.6663	.5000	-.1480	-.6307	.5345	.9896
.0600	-.6852	.5202	1.0128	.1000	.0511	.7136	.7109	.5000	-.5427	-.6144	.5388	.9827
.0800	-.8160	.4858	1.0699	.1500	-.0117	.6971	.7364	.5000	-.7401	-.5899	.5452	.9724
.1000	-.9174	.4592	1.1156	.2000	-.0679	.6823	.7592					
.1400	-.9856	.4413	1.1472	.2500	-.1187	.6690	.7796					
.1799	-1.0155	.4334	1.1613	.3500	-.2479	.6351	.8318					
.2201	-1.0238	.4312	1.1653	.4500	-.3436	.6099	.8706					
.2600	-.9556	.4491	1.1332	.5500	-.2845	.6255	.8466					
.3000	-.8784	.4694	1.0979	.6500	-.0858	.6777	.7664					
.3400	-.5984	.5430	.9759	.7500	.0537	.7143	.7098					
.3801	-.5860	.5462	.9707	.8000	.1033	.7273	.6896					
.4199	-.5928	.5445	.9736	.8500	.1413	.7373	.6740					
.4600	-.6093	.5401	.9805	.9000	.1755	.7463	.6599					
.5000	-.6295	.5348	.9891	.9500	.1735	.7458	.6607					
.5400	-.6387	.5324	.9930									
.5799	-.6367	.5329	.9922									
.6201	-.6243	.5362	.9869									
.6600	-.5742	.5493	.9658									
.7000	-.4963	.5698	.9333									
.7500	-.3695	.6031	.8811									
.8000	-.2180	.6429	.8197									
.8500	-.0626	.6838	.7570									
.9237	.0800	.7212	.6991									
.9749	.1375	.7363	.6756									

PT 1.6400 ATM
 TT 254.5218 K
 RC 2.0253 MILLION
 MACH .7310
 ALPHA 2.0060 DEG

CN .6471
 CM -.0617
 CC -.0056

CD2 .01496
 CD3 .01345
 CD4 .01267
 CD5 .01276
 CD6 .01233

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1365	.9987	.0430	0.0000	1.1365	.9987	.0430	.5000	.7401	-.5687	.5459	.9649
.0040	.3359	.7880	.5931	.0040	.7090	.8862	.4187	.5000	.5427	-.4882	.5711	.9313
.0150	-.1406	.6494	.8098	.0080	.5050	.8325	.5182	.5000	.3454	-.4311	.5861	.9077
.0250	-.3689	.6025	.8822	.0262	.3628	.7951	.5815	.5000	.1480	-.5002	.5679	.9363
.0400	-.6782	.5211	1.0114	.0500	.2817	.7737	.6163	.5000	-.1480	-.4568	.5793	.9183
.0600	-.8615	.4728	1.0921	.1000	.1542	.7401	.6696	.5000	-.5427	-.4929	.5698	.9332
.0800	-.9686	.4446	1.1412	.1500	.0776	.7200	.7010	.5000	-.7401	-.5740	.5485	.9671
.1000	-1.0627	.4198	1.1859	.2000	.0169	.7040	.7258					
.1400	-1.1375	.4002	1.2227	.2500	-.0435	.6881	.7503					
.1799	-1.1948	.3851	1.2517	.3500	-.1725	.6542	.8025					
.2201	-1.2152	.3797	1.2622	.4500	-.2739	.6275	.8435					
.2600	-1.2185	.3769	1.2639	.5500	-.2337	.6381	.8272					
.3000	-1.2066	.3820	1.2578	.6500	-.0575	.6844	.7560					
.3400	-1.1891	.3866	1.2488	.7500	.0830	.7214	.6988					
.3801	-1.1689	.3919	1.2385	.8000	.1286	.7334	.6801					
.4199	-1.0073	.4344	1.1594	.8500	.1604	.7418	.6670					
.4600	-.6722	.5226	1.0088	.9000	.1930	.7504	.6535					
.5000	-.5343	.5589	.9505	.9500	.1913	.7499	.6542					
.5400	-.5356	.5586	.9510									
.5799	-.5512	.5545	.9575									
.6201	-.5723	.5489	.9664									
.6600	-.5500	.5548	.9571									
.7000	-.4880	.5711	.9312									
.7500	-.3693	.6024	.8823									
.8000	-.2234	.6408	.8230									
.8500	-.0743	.6800	.7628									
.9237	.0805	.7267	.6999									
.9749	.1384	.7360	.6761									

PT 1.6396 ATM
 TT 254.5597 K
 RC 2.0235 MILLION
 MACH .7305
 ALPHA 2.5050 DEG

CN .7294
 CM -.0644
 CC -.0091

CD2 .01852
 CD3 .01733
 CD4 .01668
 CD5 .01640
 CD6 .01544

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1295	.9970	.0659
.0040	.2265	.7596	.6389
.0150	-.2503	.6237	.8492
.0250	-.4529	.5810	.9156
.0400	-.7614	.4999	1.0462
.0600	-.9471	.4511	1.1297
.0800	-1.0508	.4239	1.1786
.1000	-1.1376	.4010	1.2211
.1400	-1.2050	.3833	1.2551
.1799	-1.2634	.3680	1.2855
.2201	-1.2840	.3626	1.2965
.2600	-1.2925	.3603	1.3010
.3000	-1.2872	.3617	1.2982
.3400	-1.2730	.3655	1.2906
.3801	-1.2656	.3674	1.2867
.4199	-1.2493	.3717	1.2781
.4600	-1.1662	.3935	1.2354
.5000	-.7074	.5141	1.0228
.5400	-.5382	.5586	.9510
.5799	-.4914	.5709	.9315
.6201	-.4992	.5688	.9348
.6600	-.4868	.5721	.9296
.7000	-.4453	.5830	.9125
.7500	-.3449	.6094	.8714
.8000	-.2092	.6451	.8164
.8500	-.0685	.6820	.7596
.9237	.0782	.7206	.7001
.9749	.1411	.7372	.6743

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1295	.9970	.0659
.0040	.8023	.9109	.3672
.0080	.5983	.8573	.4738
.0262	.4355	.8145	.5490
.0500	.3430	.7902	.5894
.1000	.2029	.7534	.6487
.1500	.1219	.7321	.6822
.2000	.0556	.7147	.7093
.2500	-.0056	.6986	.7342
.3500	-.1401	.6632	.7885
.4500	-.2440	.6359	.8305
.5500	-.2085	.6452	.8161
.6500	-.0497	.6870	.7520
.7500	.0917	.7242	.6945
.8000	.1357	.7357	.6765
.8500	.1692	.7445	.6627
.9000	.2001	.7527	.6499
.9500	.1958	.7515	.6516

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.4934	.5704
.5000	.5427	-.4898	.5713
.5000	.3454	-.8364	.4802
.5000	.1480	-.7564	.5012
.5000	-.1480	-1.0250	.4306
.5000	-.5427	-.4859	.5723
.5000	-.7401	-.5103	.5659

PT 1.6396 ATM
 TT 254.7014 K
 RC 2.0221 MILLION
 MACH .7305
 ALPHA 2.9938 DEG

CN .8005
 CM -.0680
 CC -.0120

CD2 .02413
 CD3 .02313
 CD4 .02285
 CD5 .02274
 CD6 .02018

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1152	.9933	.0978
.0040	.1220	.7328	.6811
.0150	-.3876	.5991	.8873
.0250	-.5308	.5616	.9463
.0400	-.8384	.4809	1.0783
.0600	-1.0226	.4325	1.1628
.0800	-1.1262	.4054	1.2128
.1000	-1.2065	.3843	1.2532
.1400	-1.2694	.3678	1.2859
.1799	-1.3254	.3531	1.3158
.2201	-1.3442	.3482	1.3261
.2600	-1.3549	.3454	1.3320
.3000	-1.3506	.3465	1.3296
.3400	-1.3418	.3488	1.3248
.3801	-1.3376	.3499	1.3225
.4199	-1.3318	.3514	1.3193
.4600	-1.2816	.3646	1.2923
.5000	-1.0916	.4144	1.1959
.5400	-.6768	.5233	1.0078
.5799	-.5444	.5580	.9520
.6201	-.4827	.5742	.9264
.6600	-.4403	.5853	.9089
.7000	-.3973	.5966	.8913
.7500	-.3086	.6198	.8553
.8000	-.1913	.6506	.8079
.8500	-.0660	.6835	.7574
.9237	.0747	.7204	.7004
.9749	.1390	.7372	.6741

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1152	.9933	.0978
.0040	.8752	.9304	.3225
.0080	.6787	.8788	.4332
.0262	.4937	.8303	.5220
.0500	.3916	.8035	.5675
.1000	.2443	.7649	.6304
.1500	.1579	.7422	.6663
.2000	.0883	.7240	.6949
.2500	.0245	.7072	.7208
.3500	-.1120	.6714	.7759
.4500	-.2197	.6432	.8193
.5500	-.1912	.6506	.8078
.6500	-.0485	.6881	.7503
.7500	.0987	.7267	.6906
.8000	.1405	.7377	.6735
.8500	.1720	.7459	.6605
.9000	.2021	.7538	.6480
.9500	.1965	.7523	.6504

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.4807	.5747
.5000	.5427	-.8317	.4826
.5000	.3454	-1.1347	.4031
.5000	.1480	-1.1386	.4021
.5000	-.1480	-1.2215	.3804
.5000	-.5427	-.8626	.4745
.5000	-.7401	-.4664	.5785

PT 1.6397 ATM
 TT 254.6987 K
 RC 2.0223 MILLION
 MACH .7305
 ALPHA 3.5029 DEG

CN .8612
 CM -.0720
 CC -.0137

CD2 .03274
 CD3 .03132
 CD4 .03118
 CD5 .03179
 CD6 .02732

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1010	.9896	.1220
.0040	.0272	.7081	.7195
.0150	-.4730	.5769	.9220
.0250	-.5959	.5447	.9732
.0400	-.9010	.4647	1.1060
.0600	-1.0835	.4169	1.1915
.0800	-1.1876	.3896	1.2430
.1000	-1.2648	.3693	1.2828
.1400	-1.3243	.3537	1.3146
.1799	-1.3770	.3399	1.3436
.2201	-1.3951	.3352	1.3538
.2600	-1.4059	.3323	1.3599
.3000	-1.4017	.3334	1.3575
.3400	-1.3971	.3346	1.3549
.3801	-1.3940	.3355	1.3531
.4199	-1.3917	.3361	1.3518
.4600	-1.3419	.3491	1.3242
.5000	-1.2845	.3642	1.2932
.5400	-.7825	.4958	1.0532
.5799	-.6460	.5316	.9943
.6201	-.5347	.5608	.9476
.6600	-.4500	.5830	.9126
.7000	-.3738	.6030	.8814
.7500	-.2759	.6286	.8417
.8000	-.1778	.6543	.8022
.8500	-.0685	.6830	.7582
.9237	.0691	.7191	.7025
.9749	.1328	.7358	.6764

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1010	.9896	.1220
.0040	.9331	.9456	.2836
.0080	.7456	.8964	.3980
.0262	.5437	.8435	.4987
.0500	.4345	.8149	.5484
.1000	.2815	.7748	.6145
.1500	.1907	.7510	.6525
.2000	.1187	.7321	.6822
.2500	.0520	.7146	.7094
.3500	-.0869	.6782	.7656
.4500	-.1983	.6490	.8104
.5500	-.1770	.6546	.8018
.6500	-.0440	.6894	.7483
.7500	.1026	.7279	.6888
.8000	.1430	.7384	.6722
.8500	.1718	.7460	.6604
.9000	.2009	.7536	.6483
.9500	.1938	.7518	.6513

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.6236	.5374
.5000	.5427	-1.0844	.4166
.5000	.3454	-1.1881	.3894
.5000	.1480	-1.2899	.3628
.5000	-.1480	-1.2699	.3680
.5000	-.5427	-1.0977	.4131
.5000	-.7401	-.6169	.5392

PT 1.6399 ATM
 TT 254.7491 K
 RC 2.0228 MILLION
 MACH .7310
 ALPHA 3.9917 DEG

CN .8935
 CM -.0733
 CC -.0140

CD2 .04424
 CD3 .03863
 CD4 .03833
 CD5 .04017
 CD6 .03630

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0764	.9831	.1563
.0040	-.0588	.6850	.7551
.0150	-.5498	.5560	.9551
.0250	-.6554	.5283	.9996
.0400	-.9523	.4503	1.1311
.0600	-1.1361	.4021	1.2191
.0800	-1.2388	.3751	1.2712
.1000	-1.3155	.3550	1.3120
.1400	-1.3733	.3398	1.3438
.1799	-1.4220	.3270	1.3714
.2201	-1.4383	.3227	1.3809
.2600	-1.4505	.3195	1.3880
.3000	-1.4461	.3207	1.3855
.3400	-1.4424	.3217	1.3833
.3801	-1.4383	.3227	1.3809
.4199	-1.4233	.3267	1.3722
.4600	-1.3519	.3454	1.3319
.5000	-1.0137	.4342	1.1598
.5400	-.7799	.4956	1.0534
.5799	-.7020	.5161	1.0195
.6201	-.6127	.5395	.9815
.6600	-.5230	.5631	.9439
.7000	-.4180	.5907	.9005
.7500	-.2875	.6249	.8474
.8000	-.1900	.6505	.8080
.8500	-.0835	.6785	.7651
.9237	.0333	.7091	.7178
.9749	.1001	.7267	.6906

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0764	.9831	.1563
.0040	.9696	.9550	.2570
.0080	.7912	.9082	.3732
.0262	.5792	.8525	.4826
.0500	.4676	.8232	.5342
.1000	.3081	.7813	.6040
.1500	.2142	.7567	.6435
.2000	.1381	.7367	.6750
.2500	.0706	.7190	.7026
.3500	-.0738	.6811	.7611
.4500	-.1893	.6507	.8078
.5500	-.1733	.6549	.8013
.6500	-.0403	.6898	.7477
.7500	.0938	.7250	.6932
.8000	.1321	.7351	.6775
.8500	.1589	.7422	.6664
.9000	.1851	.7490	.6556
.9500	.1709	.7453	.6615

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.7019	.5161
.5000	.5427	-1.0888	.4145
.5000	.3454	-1.1736	.3922
.5000	.1480	-1.2312	.3771
.5000	-.1480	-1.2552	.3708
.5000	-.5427	-1.1151	.4076
.5000	-.7401	-.7663	.4992

PT 1.6395 ATM
 TT 254.6834 K
 RC 2.0221 MILLION
 MACH .7305
 ALPHA 4.5212 DEG

CN .8826
 CM -.0749
 CC -.0081

CD2 .06235
 CD3 .05152
 CD4 .04558
 CD5 .04782
 CD6 .04623

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P _L /PT	MLOC	X/C	CP	P _L /PT	MLOC
0.0000	1.0600	.9787	.1754	0.0000	1.0600	.9787	.1754
.0040	-.1157	.6699	.7783	.0040	1.0062	.9646	.2273
.0150	-.6139	.5390	.9823	.0080	.8320	.9188	.3496
.0250	-.7022	.5158	1.0200	.0262	.6145	.8617	.4657
.0400	-.9904	.4401	1.1492	.0500	.4968	.8308	.5211
.0600	-1.1739	.3919	1.2385	.1000	.3337	.7879	.5932
.0800	-1.2761	.3651	1.2914	.1500	.2359	.7623	.6346
.1000	-1.3525	.3450	1.3328	.2000	.1583	.7419	.6669
.1400	-1.4097	.3300	1.3650	.2500	.0866	.7230	.6963
.1799	-1.4567	.3176	1.3923	.3500	-.0608	.6843	.7561
.2201	-1.4719	.3136	1.4013	.4500	-.1839	.6520	.8058
.2600	-1.4873	.3096	1.4105	.5500	-.1777	.6536	.8033
.3000	-1.4715	.3137	1.4011	.6500	-.0579	.6851	.7550
.3400	-1.4467	.3203	1.3864	.7500	.0805	.7214	.6988
.3801	-1.2801	.3640	1.2935	.8000	.1139	.7302	.6851
.4199	-1.0218	.4319	1.1640	.8500	.1317	.7349	.6778
.4600	-.8849	.4678	1.1066	.9000	.1501	.7397	.6702
.5000	-.7562	.5016	1.0434	.9500	.1156	.7307	.6844
.5400	-.7205	.5110	1.0279				
.5799	-.6789	.5219	1.0100				
.6201	-.6132	.5392	.9820				
.6600	-.5435	.5575	.9527				
.7000	-.4605	.5793	.9183				
.7500	-.3583	.6062	.8764				
.8000	-.2823	.6261	.8456				
.8500	-.2120	.6446	.8171				
.9237	-.1013	.6737	.7725				
.9749	-.0422	.6892	.7486				

SPANWISE				
X/C	Y/(B/2)	CP	P _L /PT	MLOC
.5000	.7401	-.7126	.5131	1.0245
.5000	.5427	-.9863	.4412	1.1473
.5000	.3454	-1.0469	.4253	1.1760
.5000	.1480	-.8883	.4669	1.1022
.5000	-.1480	-1.0177	.4329	1.1621
.5000	-.5427	-1.0116	.4346	1.1592
.5000	-.7401	-.7294	.5087	1.0317

PT 1.6390 ATM
 TT 254.6787 K
 RC 2.0218 MILLION
 MACH .7306
 ALPHA 5.0100 DEG

CN .8698
 CM -.0750
 CC -.0040

CD2 .07546
 CD3 .06333
 CD4 .05197
 CD5 .05408
 CD6 .05444

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P _L /PT	MLOC	X/C	CP	P _L /PT	MLOC
0.0000	1.0464	.9746	.1918	0.0000	1.0464	.9746	.1918
.0040	-.1630	.6549	.8013	.0040	1.0286	.9699	.2091
.0150	-.6575	.5242	1.0063	.0080	.8595	.9252	.3348
.0250	-.7301	.5050	1.0378	.0262	.6407	.8674	.4551
.0400	-1.0695	.4311	1.1654	.0500	.5183	.8350	.5138
.0600	-1.1928	.3827	1.2564	.1000	.3519	.7910	.5881
.0800	-1.2954	.3555	1.3108	.1500	.2513	.7644	.6311
.1000	-1.3703	.3358	1.3525	.2000	.1719	.7434	.6644
.1400	-1.4267	.3208	1.3851	.2500	.0976	.7238	.6951
.1799	-1.4745	.3092	1.4137	.3500	-.0540	.6837	.7570
.2201	-1.4880	.3046	1.4219	.4500	-.1837	.6494	.8097
.2600	-1.4972	.3022	1.4275	.5500	-.1849	.6491	.8102
.3000	-1.4471	.3154	1.3972	.6500	-.0756	.6780	.7659
.3400	-1.3425	.3431	1.3368	.7500	.0664	.7156	.7079
.3801	-.9865	.4372	1.1544	.8000	.0970	.7236	.6954
.4199	-.8345	.4774	1.0842	.8500	.1098	.7270	.6901
.4600	-.7728	.4937	1.0567	.9000	.1227	.7304	.6848
.5000	-.7163	.5086	1.0318	.9500	.0765	.7182	.7038
.5400	-.6864	.5165	1.0188				
.5799	-.6469	.5270	1.0018				
.6201	-.5926	.5413	.9786				
.6600	-.5365	.5562	.9549				
.7000	-.4719	.5732	.9279				
.7500	-.4073	.5963	.9011				
.8000	-.3481	.6060	.8767				
.8500	-.2792	.6242	.8486				
.9237	-.1942	.6467	.8140				
.9749	-.1239	.6652	.7854				

SPANWISE				
X/C	Y/(B/2)	CP	P _L /PT	MLOC
.5000	.7401	-.6898	.5157	1.0203
.5000	.5427	-.9238	.4538	1.1250
.5000	.3454	-.9575	.4449	1.1407
.5000	.1480	-.7822	.4912	1.0608
.5000	-.1480	-.8535	.4724	1.0928
.5000	-.5427	-.9491	.4471	1.1368
.5000	-.7401	-.7135	.5094	1.0306

PT 1.6397 ATM
 TT 254.7429 K
 RC 2.0238 MILLION
 MACH .7317
 ALPHA 6.0079 DEG

CN .9633
 CM -.0647
 CC -.0178

CD2 .07523
 CD3 .07587
 CD4 .07312
 CD5 .08047
 CD6 .08278

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.9620	.9537	.2608
.0040	-.3548	.6103	.8701
.0150	-.8836	.4723	1.0929
.0250	-.8934	.4698	1.0973
.0400	-1.1299	.4081	1.2078
.0600	-1.3133	.3602	1.3012
.0800	-1.4133	.3341	1.3560
.1000	-1.4891	.3144	1.3996
.1400	-1.5434	.3002	1.4322
.1799	-1.5889	.2884	1.4605
.2201	-1.6005	.2853	1.4679
.2600	-1.6141	.2818	1.4765
.3000	-1.5629	.2951	1.4442
.3400	-1.5795	.2908	1.4546
.3801	-1.4690	.3196	1.3878
.4199	-1.1544	.4017	1.2198
.4600	-.9850	.4459	1.1390
.5000	-.8430	.4829	1.0749
.5400	-.7692	.5022	1.0425
.5799	-.6771	.5262	1.0031
.6201	-.5877	.5495	.9655
.6600	-.4867	.5758	.9238
.7000	-.3907	.6009	.8846
.7500	-.3067	.6228	.8507
.8000	-.2319	.6423	.8207
.8500	-.1865	.6542	.8025
.9237	-.0870	.6801	.7626
.9749	-.0497	.6898	.7476

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.9620	.9537	.2608
.0040	1.0762	.9835	.1541
.0080	.9372	.9473	.2790
.0262	.7070	.8872	.4167
.0500	.5852	.8554	.4772
.1000	.4054	.8085	.5591
.1500	.3002	.7811	.6043
.2000	.2120	.7581	.6412
.2500	.1386	.7389	.6715
.3500	-.0232	.6968	.7370
.4500	-.1568	.6619	.7906
.5500	-.1627	.6604	.7929
.6500	-.0611	.6869	.7522
.7500	.0671	.7203	.7005
.8000	.0994	.7287	.6875
.8500	.1187	.7338	.6796
.9000	.1343	.7378	.6732
.9500	.0961	.7279	.6888

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5248	.5659
.5000	.5427	-.8190	.4892
.5000	.3454	-.8701	.4758
.5000	.1480	-.8578	.4790
.5000	-.1480	-.9108	.4652
.5000	-.5427	-.8599	.4785
.5000	-.7401	-.7281	.5129

PT 3.0333 ATM
 TT 219.2627 K
 RC 4.0151 MILLION
 MACH .5990
 ALPHA -1.0285 DEG

CN .1932
 CM -.0575
 CC .0087

CD2 .00965
 CD3 .00903
 CD4 .00847
 CD5 .00684
 CD6 .00856

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0449	.9905	.1167
.0040	.6080	.9437	.2886
.0150	.2989	.8431	.4993
.0250	.0775	.7993	.5742
.0400	-.1785	.7467	.6559
.0600	-.3410	.7166	.7061
.0800	-.4284	.6993	.7328
.1000	-.4724	.6906	.7462
.1400	-.4602	.6930	.7425
.1799	-.4586	.6933	.7420
.2201	-.4452	.6960	.7379
.2600	-.4306	.6989	.7335
.3000	-.4172	.7015	.7294
.3400	-.4223	.7005	.7309
.3801	-.4245	.7001	.7316
.4199	-.4320	.6986	.7339
.4600	-.4377	.6975	.7356
.5000	-.4488	.6953	.7390
.5400	-.4588	.6933	.7421
.5799	-.4678	.6915	.7448
.6201	-.4749	.6901	.7470
.6600	-.4640	.6923	.7437
.7000	-.4376	.6975	.7356
.7500	-.3591	.7130	.7116
.8000	-.2540	.7338	.6793
.8500	-.1172	.7608	.6367
.9237	.0605	.7959	.5798
.9749	.1539	.8144	.5489

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0449	.9905	.1167
.0040	-.2543	.7337	.6794
.0080	-.3537	.7141	.7100
.0262	-.1917	.7461	.6600
.0500	-.1090	.7624	.6341
.1000	-.1502	.7543	.6470
.1500	-.1595	.7524	.6499
.2000	-.1898	.7465	.6594
.2500	-.2173	.7410	.6679
.3500	-.2950	.7257	.6919
.4500	-.3473	.7153	.7080
.5500	-.2764	.7293	.6862
.6500	-.1159	.7611	.6362
.7500	.0197	.7879	.5930
.8000	.0719	.7982	.5761
.8500	.1143	.8066	.5621
.9000	.1525	.8141	.5494
.9500	.1674	.8171	.5444

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.4189	.7012
.5000	.5427	-.4470	.6956
.5000	.3454	-.4531	.6944
.5000	.1480	-.4449	.6960
.5000	-.1480	-.4519	.6947
.5000	-.5427	-.4446	.6961
.5000	-.7401	-.4257	.6998

PT 3.0368 ATM
 TT 219.1925 K
 RC 4.0416 MILLION
 MACH .6032
 ALPHA .0204 DEG

CN .3052
 CM -.0564
 CC .0058

CD2 .00839
 CD3 .00876
 CD4 .00838
 CD5 .00792
 CD6 .00709

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0907	.9991	.0360
.0040	.5922	.8988	.3927
.0150	.0598	.7918	.5866
.0250	-.1478	.7500	.6537
.0400	-.4651	.6983	.7343
.0600	-.5503	.6691	.7793
.0800	-.6037	.6584	.7958
.1000	-.6486	.6493	.8096
.1400	-.6615	.6588	.7951
.1799	-.5790	.6633	.7882
.2201	-.5481	.6695	.7786
.2600	-.5208	.6750	.7702
.3000	-.4948	.6803	.7621
.3400	-.4926	.6807	.7614
.3801	-.4893	.6814	.7604
.4199	-.4905	.6811	.7608
.4600	-.4905	.6811	.7608
.5000	-.4967	.6799	.7627
.5400	-.5014	.6789	.7641
.5799	-.5062	.6780	.7656
.6201	-.5078	.6776	.7662
.6600	-.4904	.6811	.7608
.7000	-.4584	.6876	.7509
.7500	-.3717	.7050	.7240
.8000	-.2578	.7279	.6884
.8500	-.1126	.7571	.6425
.9237	.0619	.7922	.5859
.9749	.1499	.8099	.5565

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0907	.9991	.0360
.0040	.1971	.8194	.5404
.0080	.0328	.7863	.5955
.0262	.0377	.7873	.5939
.0500	.0311	.7860	.5960
.1000	-.0454	.7706	.6209
.1500	-.0846	.7627	.6336
.2000	-.1249	.7546	.6464
.2500	-.1589	.7478	.6573
.3500	-.2536	.7288	.6871
.4500	-.3114	.7171	.7052
.5500	-.2539	.7287	.6872
.6500	-.0938	.7609	.6365
.7500	.0370	.7872	.5941
.8000	.0849	.7968	.5783
.8500	.1228	.8045	.5656
.9000	.1626	.8125	.5522
.9500	.1676	.8135	.5505

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.4655	.6861
.5000	.5427	-.4886	.6815
.5000	.3454	-.4903	.6812
.5000	.1480	-.4927	.6807
.5000	-.1480	-.5011	.6790
.5000	-.5427	-.4924	.6807
.5000	-.7401	-.4728	.6847

PT 3.0376 ATM
 TT 219.2059 K
 RC 4.0351 MILLION
 MACH .6017
 ALPHA 1.0386 DEG

CN .4201
 CM -.0553
 CC .0006

CD2 .00883
 CD3 .00921
 CD4 .00815
 CD5 .00856
 CD6 .00767

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0897	.9992	.0330
.0040	.3176	.8459	.4942
.0150	-.2110	.7410	.6680
.0250	-.3970	.7041	.7255
.0400	-.6524	.6534	.8035
.0600	-.7706	.6299	.8396
.0800	-.8000	.6241	.8485
.1000	-.8278	.6185	.8571
.1400	-.7377	.6364	.8295
.1799	-.6934	.6452	.8160
.2201	-.6437	.6551	.8008
.2600	-.6026	.6632	.7883
.3000	-.5676	.6702	.7776
.3400	-.5559	.6725	.7740
.3801	-.5457	.6745	.7709
.4199	-.5409	.6755	.7695
.4600	-.5358	.6765	.7679
.5000	-.5367	.6763	.7682
.5400	-.5362	.6764	.7680
.5799	-.5363	.6764	.7681
.6201	-.5324	.6772	.7669
.6600	-.5089	.6818	.7597
.7000	-.4707	.6894	.7480
.7500	-.3774	.7080	.7194
.8000	-.2591	.7314	.6829
.8500	-.1150	.7601	.6378
.9237	.0622	.7952	.5809
.9749	.1443	.8115	.5538

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0897	.9992	.0330
.0040	.5304	.8882	.4145
.0080	.3335	.8491	.4885
.0262	.2334	.8292	.5236
.0500	.1739	.8174	.5438
.1000	.0634	.7955	.5805
.1500	.0058	.7840	.5993
.2000	-.0449	.7740	.6156
.2500	-.0896	.7651	.6298
.3500	-.1925	.7447	.6622
.4500	-.2625	.7308	.6840
.5500	-.2170	.7398	.6699
.6500	-.0695	.7691	.6234
.7500	.0534	.7935	.5838
.8000	.0985	.8024	.5690
.8500	.1305	.8088	.5584
.9000	.1668	.8160	.5462
.9500	.1687	.8164	.5456

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5045	.6827
.5000	.5427	-.5278	.6781
.5000	.3454	-.5296	.6777
.5000	.1480	-.5317	.6773
.5000	-.1480	-.5391	.6759
.5000	-.5427	-.5308	.6775
.5000	-.7401	-.5115	.6813

PT 3.0301 ATM
 TT 219.2432 K
 RC 4.0244 MILLION
 MACH .6017
 ALPHA 2.0264 DEG

CN .5353
 CM -.0533
 CC -.0078

CD2 .00915
 CD3 .00922
 CD4 .00823
 CD5 .00848
 CD6 .00775

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0702	.9955	.0798	0.0000	1.0702	.9955	.0798	.5000	.7401	-.5395	.6779	.7658
.0040	-.0220	.7800	.6058	.0040	.7812	.9385	.3020	.5000	.5427	-.5646	.6729	.7734
.0150	-.5252	.6807	.7614	.0080	.5745	.8977	.3951	.5000	.3454	-.5685	.6722	.7746
.0250	-.6801	.6501	.8084	.0262	.3989	.8631	.4629	.5000	.1480	-.5703	.6718	.7751
.0400	-.9317	.6605	.8851	.0500	.3025	.8440	.4976	.5000	-.1480	-.5777	.6703	.7774
.0600	-1.0271	.5817	.9144	.1000	.1646	.8168	.5448	.5000	-.5427	-.5689	.6721	.7747
.0800	-1.0238	.5823	.9134	.1500	.0920	.8025	.5689	.5000	-.7401	-.5494	.6759	.7688
.1000	-1.0277	.5815	.9146	.2000	.0308	.7904	.5888					
.1400	-.8841	.6099	.8705	.2500	-.0214	.7801	.6056					
.1799	-.8100	.6245	.8479	.3500	-.1344	.7578	.6414					
.2201	-.7426	.6378	.8274	.4500	-.2139	.7421	.6662					
.2600	-.6881	.6486	.8108	.5500	-.1732	.7502	.6535					
.3000	-.6425	.6575	.7970	.6500	-.0480	.7749	.6141					
.3400	-.6217	.6616	.7907	.7500	.0666	.7975	.5772					
.3801	-.6033	.6653	.7851	.8000	.1088	.8058	.5634					
.4199	-.5921	.6675	.7817	.8500	.1364	.8113	.5542					
.4600	-.5812	.6696	.7784	.9000	.1683	.8176	.5436					
.5000	-.5760	.6707	.7768	.9500	.1663	.8172	.5443					
.5400	-.5698	.6719	.7750									
.5799	-.5654	.6728	.7736									
.6201	-.5554	.6747	.7706									
.6600	-.5258	.6806	.7616									
.7000	-.4812	.6894	.7481									
.7500	-.3817	.7090	.7178									
.8000	-.2571	.7336	.6795									
.8500	-.1113	.7624	.6342									
.9237	.0598	.7961	.5794									
.9749	.1343	.8108	.5549									

PT 3.0300 ATM
 TT 219.1764 K
 RC 4.0235 MILLION
 MACH .6012
 ALPHA 3.0447 DEG

CN .6471
 CM -.0507
 CC -.0189

CD2 .00972
 CD3 .00970
 CD4 .00868
 CD5 .00895
 CD6 .00816

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.9913	.9799	.1702	0.0000	.9913	.9799	.1702	.5000	.7401	-.5775	.6700	.7778
.0040	-.3843	.7082	.7191	.0040	.9408	.9699	.2089	.5000	.5427	-.6028	.6650	.7855
.0150	-.8613	.6140	.8641	.0080	.7566	.9336	.3145	.5000	.3454	-.6077	.6641	.7870
.0250	-.9677	.5930	.8968	.0262	.5327	.8893	.4122	.5000	.1480	-.6097	.6637	.7876
.0400	-1.2413	.5389	.9823	.0500	.4170	.8665	.4565	.5000	-.1480	-.6186	.6619	.7903
.0600	-1.3230	.5228	1.0085	.1000	.2548	.8344	.5145	.5000	-.5427	-.6099	.6636	.7877
.0800	-1.2819	.5309	.9953	.1500	.1699	.8177	.5434	.5000	-.7401	-.5900	.6676	.7816
.1000	-1.2509	.5370	.9854	.2000	.0983	.8035	.5672					
.1400	-1.0358	.5795	.9178	.2500	.0412	.7922	.5859					
.1799	-.9292	.6006	.8849	.3500	-.0827	.7678	.6255					
.2201	-.8417	.6179	.8581	.4500	-.1705	.7504	.6531					
.2600	-.7727	.6315	.8371	.5500	-.1403	.7564	.6437					
.3000	-.7161	.6427	.8199	.6500	-.0268	.7788	.6078					
.3400	-.6852	.6488	.8105	.7500	.0774	.7994	.5740					
.3801	-.6600	.6537	.8029	.8000	.1162	.8071	.5613					
.4199	-.6426	.6572	.7976	.8500	.1420	.8122	.5527					
.4600	-.6257	.6605	.7925	.9000	.1700	.8177	.5434					
.5000	-.6147	.6627	.7891	.9500	.1612	.8160	.5463					
.5400	-.6031	.6650	.7856									
.5799	-.5943	.6667	.7829									
.6201	-.5784	.6699	.7781									
.6600	-.5428	.6769	.7673									
.7000	-.4932	.6867	.7522									
.7500	-.3865	.7078	.7197									
.8000	-.2537	.7340	.6789									
.8500	-.1040	.7636	.6322									
.9237	.0541	.7948	.5817									
.9749	.1207	.8080	.5598									

PT 3.0299 ATM
 TT 219.2619 K
 RC 4.0302 MILLION
 MACH .6031
 ALPHA 4.0120 DEG

CN .7565
 CM -.0456
 CC -.0338

CD2 .01080
 CD3 .01071
 CD4 .00979
 CD5 .01030
 CD6 .00924

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.8622	.9540	.2598
.0040	-.7622	.6313	.8374
.0150	-1.2166	.5410	.9790
.0250	-1.2540	.5335	.9910
.0400	-1.5697	.4708	1.0954
.0600	-1.7220	.4405	1.1484
.0800	-1.6871	.4475	1.1360
.1000	-1.5869	.4674	1.1013
.1400	-1.1621	.5518	.9617
.1799	-1.0382	.5764	.9227
.2201	-.9296	.5980	.8889
.2600	-.8459	.6146	.8631
.3000	-.7787	.6280	.8425
.3400	-.7401	.6356	.8307
.3801	-.7067	.6423	.8205
.4199	-.6829	.6470	.8132
.4600	-.6598	.6516	.8061
.5000	-.6443	.6547	.8014
.5400	-.6274	.6580	.7963
.5799	-.6115	.6612	.7914
.6201	-.5896	.6656	.7847
.6600	-.5491	.6736	.7724
.7000	-.4925	.6848	.7551
.7500	-.3781	.7076	.7200
.8000	-.2430	.7344	.6783
.8500	-.0967	.7635	.6324
.9237	.0507	.7928	.5850
.9749	.1049	.8035	.5672

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.8622	.9540	.2598
.0040	1.0390	.9891	.1248
.0080	.8879	.9591	.2445
.0262	.6477	.9114	.3660
.0500	.5133	.8847	.4215
.1000	.3372	.8497	.4874
.1500	.2404	.8305	.5214
.2000	.1632	.8151	.5477
.2500	.0983	.8022	.5694
.3500	-.0312	.7765	.6115
.4500	-.1274	.7574	.6421
.5500	-.1104	.7608	.6367
.6500	-.0074	.7812	.6038
.7500	.0911	.8008	.5717
.8000	.1265	.8078	.5600
.8500	.1460	.8117	.5535
.9000	.1708	.8166	.5452
.9500	.1577	.8140	.5496

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6074	.6620	.7902
.5000	.5427	-.6328	.6570	.7979
.5000	.3454	-.6364	.6562	.7990
.5000	.1480	-.6397	.6556	.8000
.5000	-.1480	-.6482	.6539	.8026
.5000	-.5427	-.6398	.6556	.8000
.5000	-.7401	-.6202	.6595	.7941

PT 3.0301 ATM
 TT 219.1858 K
 RC 4.0131 MILLION
 MACH .5991
 ALPHA 5.0303 DEG

CN .8594
 CM -.0410
 CC -.0496

CD2 .01335
 CD3 .01248
 CD4 .01152
 CD5 .01323
 CD6 .01132

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.6880	.9200	.3468
.0040	-1.1149	.5637	.9428
.0150	-1.6819	.4516	1.1288
.0250	-1.5234	.4829	1.0747
.0400	-1.7890	.4304	1.1666
.0600	-1.9850	.3917	1.2389
.0800	-2.0256	.3837	1.2544
.1000	-2.0695	.3750	1.2715
.1400	-1.4228	.5028	1.0414
.1799	-1.0441	.5776	.9207
.2201	-.9676	.5928	.8971
.2600	-.8889	.6083	.8729
.3000	-.8218	.6216	.8524
.3400	-.7794	.6300	.8394
.3801	-.7418	.6374	.8280
.4199	-.7132	.6430	.8193
.4600	-.6855	.6485	.8109
.5000	-.6659	.6524	.8049
.5400	-.6449	.6565	.7986
.5799	-.6230	.6609	.7919
.6201	-.5963	.6661	.7838
.6600	-.5514	.6750	.7702
.7000	-.4911	.6869	.7519
.7500	-.3724	.7104	.7157
.8000	-.2373	.7371	.6741
.8500	-.0942	.7654	.6294
.9237	.0471	.7933	.5841
.9749	.0969	.8031	.5678

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.6880	.9200	.3468
.0040	1.0807	.9976	.0589
.0080	.9799	.9776	.1797
.0262	.7428	.9308	.3213
.0500	.5980	.9022	.3858
.1000	.4116	.8653	.4587
.1500	.3070	.8447	.4964
.2000	.2244	.8283	.5251
.2500	.1541	.8144	.5489
.3500	.0195	.7878	.5931
.4500	-.0793	.7683	.6247
.5500	-.0782	.7685	.6243
.6500	.0148	.7869	.5946
.7500	.1057	.8049	.5649
.8000	.1382	.8113	.5542
.8500	.1536	.8143	.5490
.9000	.1750	.8186	.5418
.9500	.1579	.8152	.5476

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6318	.6591	.7946
.5000	.5427	-.6555	.6545	.8018
.5000	.3454	-.6574	.6541	.8023
.5000	.1480	-.6608	.6534	.8034
.5000	-.1480	-.6698	.6516	.8061
.5000	-.5427	-.6608	.6534	.8034
.5000	-.7401	-.6425	.6570	.7978

PT	3.0301	ATM	CN	1.1166	
TT	219.4330	K	CM	-.0287	CD2 .03130
RC	4.0248	MILLION	CC	-.0873	CD3 .02915
MACH	.6028				CD4 .02827
ALPHA	7.0465	DEG			CD5 .03023
					CD6 .02876

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.3397	.8505	.4859	0.0000	.3397	.8505	.4859	.5000	.7401	-.6218	.6599	.7935
.0040	-1.7610	.4458	1.1390	.0040	1.0871	.9987	.0424	.5000	.5427	-.6541	.6535	.8033
.0150	-2.4299	.3013	1.4298	.0080	1.0716	.9957	.0787	.5000	.3454	-.6612	.6520	.8055
.0250	-2.3343	.3203	1.3865	.0262	.8852	.9587	.2458	.5000	.1480	-.6679	.6507	.8075
.0400	-2.3843	.3103	1.4089	.0500	.7346	.9288	.3260	.5000	-.1480	-.6785	.6486	.8107
.0600	-2.4271	.3019	1.4285	.1000	.5417	.8906	.4097	.5000	-.5427	-.6632	.6516	.8061
.0800	-2.5115	.2851	1.4685	.1500	.4277	.8680	.4537	.5000	-.7401	-.6412	.6560	.7994
.1000	-2.4533	.2966	1.4407	.2000	.3353	.8497	.4875					
.1400	-2.4543	.2964	1.4412	.2500	.2595	.8346	.5142					
.1799	-2.3165	.3238	1.3787	.3500	.1126	.8055	.5639					
.2201	-1.5300	.4797	1.0801	.4500	.0092	.7850	.5977					
.2600	-1.1132	.5624	.9448	.5500	-.0111	.7810	.6043					
.3000	-.7865	.6272	.8437	.6500	.0632	.7957	.5802					
.3400	-.7561	.6332	.8344	.7500	.1372	.8104	.5557					
.3801	-.7289	.6386	.8261	.8000	.1652	.8159	.5464					
.4199	-.7147	.6414	.8218	.8500	.1784	.8185	.5419					
.4600	-.6871	.6469	.8134	.9000	.1951	.8219	.5363					
.5000	-.6738	.6495	.8093	.9500	.1731	.8175	.5437					
.5400	-.6500	.6543	.8021									
.5799	-.6204	.6601	.7930									
.6201	-.5904	.6661	.7839									
.6600	-.5403	.6760	.7686									
.7000	-.4832	.6873	.7512									
.7500	-.3690	.7100	.7163									
.8000	-.2434	.7349	.6775									
.8500	-.1089	.7616	.6355									
.9237	.0358	.7903	.5891									
.9749	.1014	.8033	.5676									

PT	3.0300	ATM	CN	1.1462	
TT	219.3237	K	CM	-.0206	CD2 .04176
RC	4.0175	MILLION	CC	-.0941	CD3 .04290
MACH	.6007				CD4 .03908
ALPHA	8.0132	DEG			CD5 .04404
					CD6 .04178

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.2166	.8263	.5286	0.0000	.2166	.8263	.5286	.5000	.7401	-.5551	.6734	.7726
.0040	-1.8250	.4219	1.1822	.0040	1.0813	.9976	.0582	.5000	.5427	-.6098	.6626	.7892
.0150	-2.5563	.2770	1.4885	.0080	1.0837	.9981	.0519	.5000	.3454	-.6253	.6595	.7939
.0250	-2.4910	.2899	1.4568	.0262	.9206	.9658	.2232	.5000	.1480	-.6410	.6564	.7987
.0400	-2.5394	.2804	1.4802	.0500	.7688	.9357	.3091	.5000	-.1480	-.6436	.6559	.7995
.0600	-2.5911	.2701	1.5060	.1000	.5775	.8978	.3949	.5000	-.5427	-.6286	.6589	.7950
.0800	-2.6461	.2592	1.5343	.1500	.4599	.8745	.4413	.5000	-.7401	-.5971	.6651	.7854
.1000	-2.5694	.2744	1.4951	.2000	.3647	.8557	.4766					
.1400	-2.3191	.3240	1.3782	.2500	.2855	.8400	.5048					
.1799	-2.2769	.3323	1.3599	.3500	.1342	.8100	.5564					
.2201	-1.5560	.4752	1.0879	.4500	.0240	.7882	.5925					
.2600	-1.3849	.5091	1.0310	.5500	-.0049	.7824	.6019					
.3000	-1.0913	.5672	.9372	.6500	.0620	.7957	.5802					
.3400	-.8052	.6239	.8488	.7500	.1309	.8093	.5575					
.3801	-.7481	.6352	.8314	.8000	.1562	.8143	.5490					
.4199	-.6766	.6494	.8096	.8500	.1651	.8161	.5460					
.4600	-.6326	.6581	.7962	.9000	.1783	.8187	.5416					
.5000	-.6279	.6590	.7947	.9500	.1494	.8130	.5513					
.5400	-.6101	.6626	.7893									
.5799	-.5563	.6732	.7730									
.6201	-.5288	.6787	.7646									
.6600	-.4893	.6865	.7525									
.7000	-.4334	.6976	.7355									
.7500	-.3248	.7191	.7022									
.8000	-.2231	.7392	.6708									
.8500	-.1121	.7612	.6360									
.9237	.0043	.7843	.5989									
.9749	.0619	.7957	.5802									

PT 3.0301 ATM
TT 219.3640 K
RC 4.0194 MILLION
MACH .6013
ALPHA 9.0310 DEG

CN 1.1116
CM -.0170
CC -.0921

CD2 .05048
CD3 .05525
CD4 .05253
CD5 .05878
CD6 .06149

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.1488	.8129	.5514
.0040	-1.8975	.4076	1.2086
.0150	-2.6368	.2612	1.5291
.0250	-2.5788	.2727	1.4995
.0400	-2.6308	.2624	1.5260
.0600	-2.6800	.2526	1.5519
.0800	-2.7080	.2471	1.5670
.1000	-2.4252	.3031	1.4256
.1400	-2.0114	.3851	1.2517
.1799	-1.8934	.4084	1.2071
.2201	-1.4660	.4931	1.0576
.2600	-1.3841	.5093	1.0306
.3000	-1.1133	.5629	.9439
.3400	-.8341	.6182	.8575
.3801	-.7641	.6321	.8361
.4199	-.6786	.6490	.8101
.4600	-.6266	.6593	.7943
.5000	-.6141	.6618	.7905
.5400	-.5904	.6665	.7832
.5799	-.5318	.6781	.7654
.6201	-.5033	.6838	.7567
.6600	-.4632	.6917	.7445
.7000	-.4092	.7024	.7280
.7500	-.3105	.7219	.6977
.8000	-.2221	.7395	.6704
.8500	-.1301	.7577	.6416
.9237	-.0345	.7766	.6113
.9749	.0148	.7864	.5955

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.1488	.8129	.5514
.0040	1.0728	.9959	.0761
.0080	1.0865	.9987	.0437
.0262	.9391	.9695	.2106
.0500	.7883	.9396	.2992
.1000	.5938	.9011	.3881
.1500	.4754	.8776	.4353
.2000	.3770	.8581	.4721
.2500	.2950	.8419	.5014
.3500	.1358	.8103	.5558
.4500	.0180	.7870	.5944
.5500	-.0173	.7800	.6058
.6500	.0434	.7920	.5862
.7500	.1072	.8047	.5653
.8000	.1299	.8092	.5577
.8500	.1373	.8106	.5553
.9000	.1482	.8128	.5516
.9500	.1121	.8057	.5636

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5389	.6767
.5000	.5427	-.5758	.6694
.5000	.3454	-.6063	.6634
.5000	.1480	-.6231	.6600
.5000	-.1480	-.6255	.6596
.5000	-.5427	-.6181	.6610
.5000	-.7401	-.6053	.6636

MLOC
.7676
.7788
.7881
.7932
.7939
.7917
.7878

PT 2.7243 ATM
TT 219.3367 K
RC 4.0078 MILLION
MACH .7016
ALPHA -1.0081 DEG

CN .2070
CM -.0619
CC .0092

CD2 .00959
CD3 .00917
CD4 .00796
CD5 .00594
CD6 .00859

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0789	.9873	.1351
.0040	.8678	.9347	.3118
.0150	.3694	.8104	.5558
.0250	.1405	.7533	.6487
.0400	-.1365	.6842	.7561
.0600	-.3237	.6375	.8278
.0800	-.4465	.6069	.8751
.1000	-.5127	.5904	.9008
.1400	-.5175	.5892	.9027
.1799	-.5219	.5881	.9044
.2201	-.5062	.5920	.8983
.2600	-.4902	.5960	.8920
.3000	-.4762	.5995	.8866
.3400	-.4819	.5981	.8888
.3801	-.4684	.5965	.8913
.4199	-.4949	.5949	.8939
.4600	-.5050	.5923	.8978
.5000	-.5216	.5882	.9043
.5400	-.5358	.5846	.9098
.5799	-.5458	.5822	.9137
.6201	-.5514	.5808	.9159
.6600	-.5310	.5859	.9079
.7000	-.4829	.5979	.8892
.7500	-.3789	.6238	.8490
.8000	-.2478	.6565	.7987
.8500	-.0948	.6946	.7401
.9237	.0816	.7386	.6718
.9749	.1600	.7582	.6409

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0789	.9873	.1351
.0040	-.2413	.6581	.7962
.0080	-.3744	.6249	.8473
.0262	-.2111	.6656	.7847
.0500	-.1401	.6833	.7575
.1000	-.1726	.6752	.7699
.1500	-.1785	.6737	.7722
.2000	-.2146	.6648	.7860
.2500	-.2523	.6554	.8004
.3500	-.3432	.6327	.8353
.4500	-.4094	.6162	.8608
.5500	-.3162	.6394	.8249
.6500	-.1256	.6869	.7519
.7500	.0243	.7243	.6941
.8000	.0804	.7383	.6723
.8500	.1238	.7491	.6552
.9000	.1617	.7586	.6403
.9500	.1738	.7616	.6355

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.4797	.5986
.5000	.5427	-.5212	.5883
.5000	.3454	-.5265	.5870
.5000	.1480	-.5166	.5894
.5000	-.1480	-.5244	.5875
.5000	-.5427	-.5104	.5910
.5000	-.7401	-.4974	.5942

MLOC
.8880
.9041
.9062
.9023
.9054
.8999
.8948

PT 2.7247 ATM
 TT 219.3456 K
 RC 4.0134 MILLION
 MACH .7031
 ALPHA .0204 DEG

CN .3227
 CM -.0585
 CC .0066

CD2 .00924
 CD3 .00928
 CD4 .00849
 CD5 .00793
 CD6 .00760

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1213	.9980	.0536
.0040	.6869	.8899	.4111
.0150	.1611	.7501	.6394
.0250	-.0612	.7038	.7259
.0400	-.3443	.6334	.8342
.0600	-.5345	.5861	.9076
.0800	-.6405	.5597	.9492
.1000	-.7180	.5404	.9799
.1400	-.6882	.5478	.9680
.1799	-.6648	.5536	.9588
.2201	-.6234	.5639	.9424
.2600	-.5884	.5727	.9286
.3000	-.5606	.5796	.9178
.3400	-.5562	.5807	.9160
.3801	-.5543	.5811	.9153
.4199	-.5529	.5815	.9148
.4600	-.5558	.5808	.9159
.5000	-.5658	.5783	.9198
.5400	-.5730	.5765	.9226
.5799	-.5749	.5760	.9234
.6201	-.5728	.5765	.9225
.6600	-.5440	.5637	.9113
.7000	-.4891	.5974	.8900
.7500	-.3767	.6253	.8467
.8000	-.2395	.6595	.7941
.8500	-.0851	.6979	.7351
.9237	.0606	.7391	.6710
.9749	.1490	.7561	.6442

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1213	.9980	.0536
.0040	.1794	.7637	.6322
.0080	.0067	.7207	.6998
.0262	.0244	.7251	.6929
.0500	.0238	.7250	.6931
.1000	-.0549	.7054	.7235
.1500	-.0986	.6945	.7403
.2000	-.1411	.6839	.7565
.2500	-.1824	.6737	.7723
.3500	-.2921	.6464	.8143
.4500	-.3619	.6290	.8410
.5500	-.2923	.6463	.8143
.6500	-.1058	.6927	.7430
.7500	.0381	.7285	.6876
.8000	.0891	.7412	.6677
.8500	.1284	.7510	.6523
.9000	.1672	.7606	.6370
.9500	.1695	.7612	.6361

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5280	.5877	.9051
.5000	.5427	-.5532	.5814	.9149
.5000	.3454	-.5524	.5816	.9146
.5000	.1480	-.5599	.5797	.9175
.5000	-.1480	-.5694	.5774	.9212
.5000	-.5427	-.5547	.5810	.9155
.5000	-.7401	-.5311	.5869	.9063

PT 2.7247 ATM
 TT 219.3360 K
 RC 4.0082 MILLION
 MACH .7016
 ALPHA 1.0386 DEG

CN .4432
 CM -.0554
 CC .0015

CD2 .00960
 CD3 .00965
 CD4 .00865
 CD5 .00922
 CD6 .00827

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1223	.9983	.0497
.0040	.4769	.8378	.5087
.0150	-.0568	.7051	.7240
.0250	-.2634	.6537	.8030
.0400	-.5578	.5805	.9163
.0600	-.7472	.5334	.9913
.0800	-.8488	.5081	1.0326
.1000	-.9748	.4768	1.0852
.1400	-.9232	.4896	1.0635
.1799	-.8402	.5103	1.0291
.2201	-.7350	.5364	.9864
.2600	-.6819	.5496	.9652
.3000	-.6428	.5593	.9497
.3400	-.6282	.5630	.9440
.3801	-.6199	.5650	.9407
.4199	-.6122	.5669	.9377
.4600	-.6091	.5677	.9364
.5000	-.6114	.5671	.9374
.5400	-.6108	.5673	.9371
.5799	-.6078	.5680	.9359
.6201	-.5971	.5707	.9317
.6600	-.5573	.5806	.9161
.7000	-.4949	.5961	.8919
.7500	-.3747	.6260	.8456
.8000	-.2291	.6622	.7899
.8500	-.0752	.7005	.7310
.9237	.0740	.7376	.6734
.9749	.1348	.7527	.6496

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1223	.9983	.0497
.0040	.4887	.8407	.5035
.0080	.2978	.7932	.5843
.0262	.2143	.7725	.6180
.0500	.1678	.7609	.6366
.1000	.0545	.7327	.6810
.1500	-.0061	.7177	.7045
.2000	-.0622	.7037	.7260
.2500	-.1098	.6919	.7443
.3500	-.2327	.6613	.7913
.4500	-.3156	.6407	.8230
.5500	-.2586	.6549	.8012
.6500	-.0857	.6979	.7351
.7500	.0472	.7309	.6838
.8000	.0961	.7431	.6648
.8500	.1324	.7521	.6505
.9000	.1678	.7609	.6366
.9500	.1634	.7598	.6383

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5696	.5775	.9210
.5000	.5427	-.5964	.5709	.9314
.5000	.3454	-.6000	.5700	.9328
.5000	.1480	-.6048	.5688	.9347
.5000	-.1480	-.6149	.5663	.9387
.5000	-.5427	-.6001	.5700	.9329
.5000	-.7401	-.5766	.5758	.9237

PT 2.7245 ATM
 TT 219.3772 K
 RC 4.0052 MILLION
 MACH .7011
 ALPHA 2.0468 DEG

CN .5815
 CM -.0524
 CC -.0068

CD2 .01118
 CD3 .01051
 CD4 .00960
 CD5 .01079
 CD6 .00977

UPPER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	1.1253	.9990	.0372
.0040	.2300	.7765	.6115
.0150	-.2889	.6476	.8124
.0250	-.4670	.6033	.8807
.0400	-.7668	.5288	.9987
.0600	-.9585	.4812	1.0777
.0800	-1.0290	.4636	1.1078
.1000	-1.1606	.4309	1.1657
.1400	-1.1961	.4221	1.1818
.1799	-1.2424	.4106	1.2031
.2201	-1.2226	.4155	1.1939
.2600	-.8573	.5063	1.0356
.3000	-.6196	.5654	.9401
.3400	-.6239	.5643	.9418
.3801	-.6334	.5619	.9456
.4199	-.6329	.5621	.9454
.4600	-.6331	.5620	.9454
.5000	-.6350	.5616	.9462
.5400	-.6319	.5623	.9450
.5799	-.6229	.5646	.9414
.6201	-.6063	.5687	.9349
.6600	-.5624	.5796	.9177
.7000	-.4950	.5964	.8915
.7500	-.3714	.6271	.8440
.8000	-.2250	.6635	.7880
.8500	-.0731	.7012	.7299
.9237	.6760	.7383	.6723
.9749	.1347	.7528	.6494

LOWER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	1.1253	.9990	.0372
.0040	.7352	.9021	.3860
.0080	.5336	.8520	.4833
.0262	.3834	.8147	.5486
.0500	.2989	.7937	.5836
.1000	.1620	.7596	.6386
.1500	.0869	.7410	.6681
.2000	.0227	.7250	.6930
.2500	-.0332	.7111	.7146
.3500	-.1616	.6792	.7638
.4500	-.2526	.6566	.7985
.5500	-.2128	.6665	.7833
.6500	-.0557	.7055	.7233
.7500	.0694	.7366	.6749
.8000	.1155	.7481	.6569
.8500	.1456	.7556	.6451
.9000	.1783	.7637	.6321
.9500	.1710	.7619	.6350

SPANWISE

X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6008	.5701	.9327
.5000	.5427	-.6237	.5644	.9417
.5000	.3454	-.6239	.5643	.9418
.5000	.1480	-.6277	.5634	.9433
.5000	-.1480	-.6380	.5608	.9474
.5000	-.5427	-.6272	.5635	.9431
.5000	-.7401	-.6084	.5682	.9357

PT 2.7245 ATM
 TT 219.4058 K
 RC 4.0000 MILLION
 MACH .6998
 ALPHA 3.0141 DEG

CN .7505
 CM -.0539
 CC -.0168

CD2 .01497
 CD3 .01440
 CD4 .01406
 CD5 .01493
 CD6 .01381

UPPER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	1.0864	.9894	.1230
.0040	-.0252	.7136	.7108
.0150	-.5233	.5900	.9015
.0250	-.6510	.5583	.9514
.0400	-.9627	.4809	1.0781
.0600	-1.1577	.4325	1.1628
.0800	-1.2304	.4145	1.1958
.1000	-1.3400	.3873	1.2474
.1400	-1.3624	.3817	1.2583
.1799	-1.4212	.3671	1.2872
.2201	-1.4242	.3664	1.2887
.2600	-1.4188	.3678	1.2860
.3000	-1.3575	.3730	1.2754
.3400	-1.1735	.4286	1.1699
.3801	-.6961	.5471	.9692
.4199	-.5873	.5741	.9264
.4600	-.5635	.5800	.9171
.5000	-.5811	.5756	.9239
.5400	-.5960	.5719	.9298
.5799	-.6008	.5707	.9317
.6201	-.5938	.5725	.9289
.6600	-.5570	.5816	.9145
.7000	-.4957	.5968	.8908
.7500	-.3767	.6264	.8451
.8000	-.2377	.6609	.7920
.8500	-.0678	.6981	.7348
.9237	.0774	.7391	.6711
.9749	.1488	.7568	.6431

LOWER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	1.0864	.9894	.1230
.0040	.9048	.9444	.2867
.0080	.7143	.8971	.3964
.0262	.5196	.8488	.4891
.0500	.4105	.8217	.5366
.1000	.2568	.7836	.6001
.1500	.1705	.7622	.6346
.2000	.0998	.7446	.6624
.2500	.0377	.7292	.6865
.3500	-.0946	.6964	.7374
.4500	-.1929	.6720	.7749
.5500	-.1662	.6786	.7647
.6500	-.0232	.7141	.7100
.7500	.0943	.7432	.6645
.8000	.1369	.7538	.6478
.8500	.1642	.7606	.6371
.9000	.1956	.7684	.6246
.9500	.1880	.7665	.6276

SPANWISE

X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6018	.5705	.9320
.5000	.5427	-.5943	.5724	.9291
.5000	.3454	-.5775	.5765	.9225
.5000	.1480	-.5779	.5764	.9227
.5000	-.1480	-.5846	.5748	.9253
.5000	-.5427	-.5916	.5730	.9281
.5000	-.7401	-.6056	.5696	.9335

PT 2.7246 ATM
 TT 219.5597 K
 RC 4.0027 MILLION
 MACH .7016
 ALPHA 4.0120 DEG

CN .9160
 CM -.0589
 CC -.0265

CD2 .02585
 CD3 .02485
 CD4 .02514
 CD5 .02607
 CD6 .02536

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0155	.9719	.2020	0.0000	1.0155	.9719	.2020	.5000	.7401	-.5288	.5888	.9033
.0040	-.2784	.6509	.8073	.0040	1.0167	.9722	.2009	.5000	.5427	-.5114	.5931	.8966
.0150	-.7537	.5330	.9919	.0080	.8494	.9307	.3215	.5000	.3454	-.5927	.5729	.9282
.0250	-.8297	.5141	1.0227	.0262	.6316	.8767	.4372	.5000	.1480	-.6314	.5633	.9434
.0400	-1.1191	.4423	1.1452	.0500	.5115	.8469	.4926	.5000	-.1480	-.6286	.5640	.9423
.0600	-1.3153	.3937	1.2351	.1000	.3421	.8048	.5651	.5000	-.5427	-.5154	.5921	.8982
.0800	-1.3857	.3762	1.2692	.1500	.2481	.7815	.6034	.5000	-.7401	-.5115	.5931	.8966
.1000	-1.4919	.3499	1.3227	.2000	.1699	.7621	.6346					
.1400	-1.5160	.3439	1.3352	.2500	.1046	.7459	.6603					
.1799	-1.5656	.3316	1.3616	.3500	-.0350	.7113	.7144					
.2201	-1.5741	.3295	1.3662	.4500	-.1386	.6856	.7540					
.2600	-1.5720	.3300	1.3650	.5500	-.1180	.6907	.7461					
.3000	-1.5581	.3334	1.3576	.6500	.0046	.7211	.6991					
.3400	-1.5568	.3337	1.3569	.7500	.1127	.7479	.6572					
.3801	-1.5450	.3367	1.3506	.8000	.1524	.7578	.6416					
.4199	-1.1114	.4443	1.1418	.8500	.1789	.7643	.6311					
.4600	-.8186	.5169	1.0182	.9000	.2073	.7714	.6198					
.5000	-.6931	.5480	.9677	.9500	.1976	.7690	.6236					
.5400	-.5680	.5791	.9186									
.5799	-.5147	.5923	.8979									
.6201	-.4920	.5979	.8891									
.6600	-.4707	.6032	.8809									
.7000	-.4338	.6123	.8667									
.7500	-.3400	.6356	.8308									
.8000	-.2195	.6655	.7848									
.8500	-.0850	.6989	.7335									
.9237	.0737	.7382	.6724									
.9749	.1533	.7580	.6412									

PT 2.7246 ATM
 TT 219.6307 K
 RC 4.0023 MILLION
 MACH .7020
 ALPHA 4.5110 DEG

CN .9739
 CM -.0608
 CC -.0302

CD2 .03473
 CD3 .03305
 CD4 .03355
 CD5 .03432
 CD6 .03379

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.9756	.9619	.2359	0.0000	.9756	.9619	.2359	.5000	.7401	-.4970	.5961	.8919
.0040	-.3800	.6252	.8469	.0040	1.0495	.9802	.1689	.5000	.5427	-.6568	.5564	.9544
.0150	-.8562	.5069	1.0346	.0080	.8962	.9421	.2926	.5000	.3454	-.7517	.5328	.9922
.0250	-.8989	.4963	1.0523	.0262	.6736	.8869	.4172	.5000	.1480	-.7839	.5248	1.0052
.0400	-1.1755	.4276	1.1718	.0500	.5485	.8558	.4764	.5000	-.1480	-.7732	.5275	1.0008
.0600	-1.3693	.3794	1.2628	.1000	.3753	.8128	.5518	.5000	-.5427	-.6614	.5553	.9562
.0800	-1.4411	.3616	1.2985	.1500	.2782	.7887	.5918	.5000	-.7401	-.4897	.5979	.8891
.1000	-1.5448	.3358	1.3524	.2000	.1981	.7688	.6240					
.1400	-1.5708	.3294	1.3663	.2500	.1302	.7519	.6509					
.1799	-1.6187	.3175	1.3927	.3500	-.0111	.7168	.7058					
.2201	-1.6271	.3154	1.3974	.4500	-.1180	.6902	.7468					
.2600	-1.6264	.3156	1.3970	.5500	-.1023	.6941	.7408					
.3000	-1.6118	.3192	1.3889	.6500	.0134	.7229	.6964					
.3400	-1.6145	.3185	1.3903	.7500	.1187	.7490	.6554					
.3801	-1.6061	.3206	1.3857	.8000	.1569	.7585	.6403					
.4199	-1.3432	.3859	1.2501	.8500	.1800	.7643	.6312					
.4600	-.9330	.4878	1.0665	.9000	.2066	.7709	.6206					
.5000	-.8251	.5146	1.0219	.9500	.1940	.7677	.6256					
.5400	-.6862	.5491	.9660									
.5799	-.5644	.5794	.9181									
.6201	-.4836	.5994	.8868									
.6600	-.4270	.6135	.8649									
.7000	-.3820	.6247	.8477									
.7500	-.3008	.6448	.8166									
.8000	-.1928	.6716	.7754									
.8500	-.0743	.7011	.7301									
.9237	.0700	.7369	.6744									
.9749	.1423	.7549	.6461									

PT 2.7245 ATM
 TT 219.6808 K
 RC 4.0000 MILLION
 MACH .7018
 ALPHA 5.0409 DEG

CN .9835
 CM -.0605
 CC -.0292

CD2 .04918
 CD3 .04263
 CD4 .04153
 CD5 .04227
 CD6 .04160

UPPER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	.9386	.9525	.2643
.0040	-.4618	.6039	.8798
.0150	-.9561	.4809	1.0783
.0250	-.9592	.4801	1.0796
.0400	-1.2159	.4162	1.1927
.0600	-1.4103	.3678	1.2859
.0800	-1.4823	.3499	1.3226
.1000	-1.5864	.3240	1.3782
.1400	-1.6135	.3172	1.3932
.1799	-1.6602	.3056	1.4198
.2201	-1.6651	.3044	1.4225
.2600	-1.6590	.3059	1.4190
.3000	-1.6339	.3121	1.4047
.3400	-1.5683	.3285	1.3683
.3801	-1.3126	.3921	1.2381
.4199	-1.0474	.4581	1.1174
.4600	-.9325	.4867	1.0683
.5000	-.8730	.5015	1.0435
.5400	-.7873	.5229	1.0083
.5799	-.6583	.5550	.9566
.6201	-.5604	.5794	.9181
.6600	-.4568	.6051	.8779
.7000	-.3673	.6274	.8434
.7500	-.2683	.6521	.8055
.8000	-.1826	.6734	.7727
.8500	-.0970	.6947	.7400
.9237	-.0133	.7155	.7077
.9749	.0442	.7298	.6855

LOWER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	.9386	.9525	.2643
.0040	1.0713	.9855	.1443
.0080	.9294	.9502	.2708
.0262	.7046	.8942	.4023
.0500	.5746	.8619	.4652
.1000	.4001	.8184	.5421
.1500	.2995	.7934	.5840
.2000	.2166	.7728	.6176
.2500	.1464	.7553	.6455
.3500	.0009	.7191	.7023
.4500	-.1126	.6908	.7459
.5500	-.1028	.6933	.7422
.6500	.0059	.7203	.7003
.7500	.1057	.7452	.6615
.8000	.1402	.7538	.6479
.8500	.1558	.7576	.6418
.9000	.1753	.7625	.6340
.9500	.1431	.7545	.6468

SPANWISE

X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.4825	.5988	.8878
.5000	.5427	-.7402	.5346	.9893
.5000	.3454	-.8236	.5138	1.0232
.5000	.1480	-.8327	.5116	1.0269
.5000	-.1480	-.8196	.5148	1.0215
.5000	-.5427	-.7623	.5291	.9982
.5000	-.7401	-.5035	.5935	.8959

PT 2.7245 ATM
 TT 219.5896 K
 RC 4.0029 MILLION
 MACH .7019
 ALPHA 6.0347 DEG

CN .9237
 CM -.0686
 CC -.0173

CD2 .08436
 CD3 .07212
 CD4 .05708
 CD5 .05287
 CD6 .05287

UPPER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	.8834	.9386	.3019
.0040	-.5740	.5753	.9245
.0150	-1.1824	.4236	1.1790
.0250	-1.0667	.4525	1.1273
.0400	-1.2639	.4033	1.2168
.0600	-1.4567	.3552	1.3115
.0800	-1.5355	.3356	1.3529
.1000	-1.6369	.3103	1.4089
.1400	-1.6216	.3141	1.4003
.1799	-1.5794	.3247	1.3767
.2201	-1.3453	.3830	1.2558
.2600	-1.2113	.4164	1.1922
.3000	-1.1120	.4412	1.1473
.3400	-.9957	.4701	1.0966
.3801	-.9336	.4856	1.0701
.4199	-.8845	.4979	1.0496
.4600	-.8222	.5134	1.0239
.5000	-.7684	.5268	1.0019
.5400	-.7111	.5411	.9788
.5799	-.6346	.5602	.9484
.6201	-.5739	.5753	.9245
.6600	-.5176	.5893	.9025
.7000	-.4640	.6027	.8817
.7500	-.3924	.6206	.8540
.8000	-.3385	.6340	.8333
.8500	-.2799	.6486	.8108
.9237	-.2218	.6631	.7886
.9749	-.1556	.6796	.7632

LOWER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	.8834	.9386	.3019
.0040	1.0970	.9918	.1082
.0080	.9735	.9610	.2386
.0262	.7479	.9048	.3803
.0500	.6146	.8716	.4470
.1000	.4337	.8265	.5284
.1500	.3284	.8002	.5727
.2000	.2401	.7782	.6088
.2500	.1662	.7598	.6383
.3500	.0102	.7209	.6994
.4500	-.1139	.6900	.7472
.5500	-.1176	.6891	.7487
.6500	-.0200	.7134	.7111
.7500	.0674	.7352	.6772
.8000	.0951	.7421	.6664
.8500	.1006	.7434	.6642
.9000	.1070	.7450	.6617
.9500	.0444	.7294	.6861

SPANWISE

X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.4770	.5995	.8867
.5000	.5427	-.5992	.5690	.9344
.5000	.3454	-.6123	.5657	.9396
.5000	.1480	-.7341	.5354	.9881
.5000	-.1480	-.6984	.5443	.9738
.5000	-.5427	-.6608	.5537	.9588
.5000	-.7401	-.5402	.5837	.9113

PT	2.7245	ATM	CN	.9483	
TT	219.6225	K	CM	-.0754	CD2 .10716
RC	3.9985	MILLION	CC	-.0172	CD3 .09862
MACH	.7009				CD4 .07602
ALPHA	7.0465	DEG			CD5 .06569
					CD6 .06660

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.7918	.9161	.3555	0.0000	.7918	.9161	.3555	.5000	.7401	-.5040	.5941	.8950
.0040	-.7264	.5389	.9824	.0040	1.1143	.9963	.0727	.5000	.5427	-.6156	.5664	.9385
.0150	-1.4324	.3634	1.2948	.0080	1.0191	.9726	.1992	.5000	.3454	-.5900	.5727	.9285
.0250	-1.3010	.3960	1.2306	.0262	.7988	.9179	.3515	.5000	.1480	-.7103	.5429	.9760
.0400	-1.3985	.3718	1.2779	.0500	.6612	.8837	.4235	.5000	-.1480	-.7086	.5433	.9754
.0600	-1.5284	.3395	1.3445	.1000	.4763	.8377	.5088	.5000	-.5427	-.6994	.5455	.9717
.0800	-1.6067	.3201	1.3869	.1500	.3654	.8102	.5561	.5000	-.7401	-.7119	.5425	.9767
.1000	-1.6484	.3097	1.4103	.2000	.2747	.7876	.5934					
.1400	-1.4524	.3584	1.3049	.2500	.1957	.7680	.6252					
.1799	-1.4985	.3470	1.3287	.3500	.0370	.7286	.6875					
.2201	-1.1909	.4234	1.1794	.4500	-.0954	.6957	.7385					
.2600	-1.0960	.4470	1.1369	.5500	-.1108	.6918	.7444					
.3000	-1.0446	.4598	1.1145	.6500	-.0217	.7140	.7102					
.3400	-.9779	.4764	1.0859	.7500	.0627	.7350	.6775					
.3801	-.9299	.4883	1.0657	.8000	.0872	.7410	.6680					
.4199	-.9027	.4950	1.0543	.8500	.0862	.7408	.6684					
.4600	-.8439	.5096	1.0301	.9000	.0912	.7420	.6664					
.5000	-.8007	.5204	1.0124	.9500	.0225	.7250	.6931					
.5400	-.7282	.5384	.9832									
.5799	-.6740	.5519	.9616									
.6201	-.6180	.5658	.9395									
.6600	-.5615	.5798	.9173									
.7000	-.5014	.5948	.8940									
.7500	-.4420	.6095	.8710									
.8000	-.3940	.6215	.8526									
.8500	-.3419	.6344	.8326									
.9237	-.2598	.6548	.8013									
.9749	-.1971	.6704	.7774									

PT	2.6573	ATM	CN	.1561	
TT	219.4559	K	CM	-.0645	CD2 .01018
RC	4.0043	MILLION	CC	.0094	CD3 .00974
MACH	.7309				CD4 .00882
ALPHA	-1.4867	DEG			CD5 .00614
					CD6 .00952

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0566	.9781	.1779	0.0000	1.0566	.9781	.1779	.5000	.7401	-.4905	.5729	.9283
.0040	.9526	.9509	.2689	.0040	-.4547	.5823	.9135	.5000	.5427	-.5305	.5624	.9448
.0150	.4766	.8262	.5289	.0080	-.6030	.5434	.9751	.5000	.3454	-.5365	.5608	.9473
.0250	.2462	.7658	.6287	.0262	-.3544	.6085	.8726	.5000	.1480	-.5227	.5645	.9416
.0400	-.0288	.6938	.7413	.0500	-.2171	.6445	.8171	.5000	-.1480	-.5324	.5619	.9456
.0600	-.2241	.6427	.8199	.1000	-.2187	.6441	.8178	.5000	-.5427	-.5166	.5661	.9391
.0800	-.3580	.6076	.8741	.1500	-.2363	.6395	.8248	.5000	-.7401	-.5121	.5672	.9372
.1000	-.4332	.5879	.9047	.2000	-.2620	.6327	.8352					
.1400	-.4624	.5803	.9167	.2500	-.2927	.6247	.8476					
.1799	-.4812	.5753	.9244	.3500	-.3967	.5975	.8898					
.2201	-.4756	.5768	.9221	.4500	-.4624	.5802	.9167					
.2600	-.4664	.5792	.9184	.5500	-.3434	.6114	.8681					
.3000	-.4574	.5816	.9147	.6500	-.1358	.6658	.7844					
.3400	-.4685	.5787	.9192	.7500	.0208	.7068	.7213					
.3801	-.4808	.5754	.9243	.8000	.0789	.7220	.6977					
.4199	-.4923	.5724	.9290	.8500	.1244	.7340	.6791					
.4600	-.5079	.5683	.9355	.9000	.1629	.7440	.6633					
.5000	-.5297	.5626	.9445	.9500	.1770	.7477	.6575					
.5400	-.5489	.5576	.9525									
.5799	-.5652	.5533	.9593									
.6201	-.5742	.5510	.9631									
.6600	-.5506	.5571	.9532									
.7000	-.4929	.5723	.9293									
.7500	-.3790	.6021	.8826									
.8000	-.2407	.6383	.8266									
.8500	-.0855	.6790	.7642									
.9237	.0890	.7247	.6936									
.9749	.1640	.7443	.6628									

PT 2.6574 ATM
 TT 219.4582 K
 RC 4.0094 MILLION
 MACH .7324
 ALPHA -.9776 DEG

CN .2142
 CM -.0633
 CC .0095

CD2 .01007
 CD3 .00952
 CD4 .00831
 CD5 .00591
 CD6 .00854

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0872	.9857	.1436
.0040	.8888	.9334	.3150
.0150	.3959	.8034	.5674
.0250	.1664	.7430	.6650
.0400	-.1133	.6692	.7791
.0600	-.3105	.6172	.8591
.0800	-.4440	.5821	.9139
.1000	-.5224	.5614	.9465
.1400	-.5446	.5555	.9558
.1799	-.5554	.5527	.9603
.2201	-.5397	.5568	.9537
.2600	-.5223	.5614	.9464
.3000	-.5070	.5654	.9400
.3400	-.5130	.5639	.9425
.3801	-.5223	.5614	.9464
.4199	-.5305	.5593	.9498
.4600	-.5434	.5559	.9552
.5000	-.5623	.5509	.9632
.5400	-.5784	.5466	.9700
.5799	-.5913	.5432	.9754
.6201	-.5956	.5421	.9772
.6600	-.5647	.5503	.9642
.7000	-.5603	.5672	.9372
.7500	-.3803	.5989	.8877
.8000	-.2352	.6371	.8285
.8500	-.0780	.6785	.7648
.9237	.0856	.7216	.6983
.9749	.1554	.7400	.6696

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0872	.9857	.1436
.0040	-.2407	.6357	.8307
.0080	-.3769	.5997	.8863
.0262	-.2146	.6425	.8202
.0500	-.1419	.6617	.7907
.1000	-.1783	.6521	.8055
.1500	-.1871	.6498	.8090
.2000	-.2248	.6398	.8243
.2500	-.2633	.6297	.8399
.3500	-.3681	.6021	.8827
.4500	-.4444	.5820	.9140
.5500	-.3342	.6110	.8688
.6500	-.1303	.6648	.7860
.7500	.0223	.7050	.7241
.8000	.0796	.7201	.7007
.8500	.1251	.7321	.6821
.9000	.1620	.7418	.6668
.9500	.1706	.7441	.6632

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5151	.5633	.9434
.5000	.5427	-.5598	.5515	.9621
.5000	.3454	-.5616	.5511	.9629
.5000	.1480	-.5546	.5529	.9599
.5000	-.1480	-.5659	.5499	.9647
.5000	-.5427	-.5482	.5546	.9573
.5000	-.7401	-.5381	.5572	.9530

PT 2.6574 ATM
 TT 219.4027 K
 RC 4.0016 MILLION
 MACH .7295
 ALPHA .0102 DEG

CN .3273
 CM -.0589
 CC .0072

CD2 .01037
 CD3 .00955
 CD4 .00876
 CD5 .00840
 CD6 .00804

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1323	.9978	.0563
.0040	.7308	.8924	.4061
.0150	.2111	.7559	.6445
.0250	-.0131	.6971	.7363
.0400	-.3013	.6214	.8527
.0600	-.4976	.5699	.9331
.0800	-.6256	.5363	.9867
.1000	-.7240	.5104	1.0288
.1400	-.7242	.5104	1.0289
.1799	-.7282	.5093	1.0306
.2201	-.6602	.5272	1.0014
.2600	-.6176	.5383	.9833
.3000	-.5872	.5463	.9705
.3400	-.5832	.5474	.9688
.3801	-.5837	.5472	.9688
.4199	-.5833	.5473	.9688
.4600	-.5887	.5460	.9711
.5000	-.6011	.5427	.9763
.5400	-.6095	.5405	.9798
.5799	-.6117	.5399	.9808
.6201	-.6055	.5415	.9781
.6600	-.5650	.5522	.9611
.7000	-.4937	.5709	.9314
.7500	-.3677	.6040	.8797
.8000	-.2211	.6424	.8203
.8500	-.0677	.6827	.7584
.9237	.0841	.7226	.6968
.9749	.1444	.7384	.6721

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1323	.9978	.0563
.0040	.1533	.7408	.6684
.0080	-.0110	.6976	.7355
.0262	.0113	.7035	.7265
.0500	.0151	.7045	.7249
.1000	-.0620	.6842	.7561
.1500	-.0885	.6773	.7668
.2000	-.1505	.6610	.7918
.2500	-.1942	.6495	.8094
.3500	-.3129	.6184	.8574
.4500	-.3845	.5996	.8865
.5500	-.3031	.6209	.8534
.6500	-.1130	.6708	.7767
.7500	.0335	.7093	.7174
.8000	.0869	.7233	.6957
.8500	.1285	.7342	.6786
.9000	.1639	.7435	.6641
.9500	.1666	.7442	.6630

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5560	.5545	.9574
.5000	.5427	-.5828	.5475	.9686
.5000	.3454	-.5822	.5476	.9684
.5000	.1480	-.5926	.5449	.9727
.5000	-.1480	-.6041	.5419	.9776
.5000	-.5427	-.5849	.5470	.9695
.5000	-.7401	-.5582	.5539	.9583

PT 2.6572 ATM
 TT 219.4445 K
 RC 4.0019 MILLION
 MACH .7301
 ALPHA 1.0377 DEG

CN .4635
 CM -.0558
 CC .0020

CD2 .01110
 CD3 .00998
 CD4 .00948
 CD5 .00986
 CD6 .00906

UPPER SURFACE			
X/C	CP	P _L /PT	MLOC
0.0000	1.1371	.9990	.0378
.0040	.5398	.8420	.5012
.0150	.0157	.7043	.7252
.0250	-.1900	.6502	.8084
.0400	-.4832	.5731	.9279
.0600	-.6773	.5221	1.0096
.0800	-.7851	.4938	1.0564
.1000	-.9174	.4590	1.1158
.1400	-.9576	.4485	1.1343
.1799	-.9994	.4375	1.1539
.2201	-.9989	.4376	1.1537
.2600	-.9492	.4507	1.1305
.3000	-.6737	.5231	1.0080
.3400	-.5809	.5475	.9686
.3801	-.5953	.5437	.9747
.4199	-.6081	.5403	.9801
.4600	-.6192	.5374	.9848
.5000	-.6327	.5339	.9905
.5400	-.6373	.5326	.9925
.5799	-.6326	.5339	.9905
.6201	-.6175	.5378	.9841
.6600	-.5669	.5512	.9627
.7000	-.4894	.5715	.9305
.7500	-.3600	.6055	.8773
.8000	-.2101	.6449	.8165
.8500	-.0584	.6848	.7552
.9237	.0842	.7223	.6973
.9749	.1399	.7369	.6745

LOWER SURFACE			
X/C	CP	P _L /PT	MLOC
0.0000	1.1371	.9990	.0378
.0040	.4725	.8243	.5321
.0080	.2814	.7741	.6155
.0262	.2074	.7547	.6465
.0500	.1664	.7439	.6636
.1000	.0559	.7148	.7089
.1500	.0116	.7032	.7269
.2000	-.0611	.6841	.7563
.2500	-.1119	.6707	.7768
.3500	-.2397	.6371	.8284
.4500	-.3252	.6147	.8631
.5500	-.2608	.6316	.8370
.6500	-.0862	.6775	.7665
.7500	.0522	.7139	.7104
.8000	.1045	.7276	.6890
.8500	.1390	.7367	.6749
.9000	.1722	.7454	.6612
.9500	.1704	.7449	.6619

SPANWISE				
X/C	Y/(B/2)	CP	P _L /PT	MLOC
.5000	.7401	-.5946	.5439	.9744
.5000	.5427	-.6186	.5376	.9845
.5000	.3454	-.6169	.5380	.9838
.5000	.1480	-.6234	.5363	.9866
.5000	-.1480	-.6353	.5332	.9917
.5000	-.5427	-.6216	.5368	.9858
.5000	-.7401	-.5994	.5426	.9764

PT 2.6574 ATM
 TT 219.5156 K
 RC 4.0041 MILLION
 MACH .7312
 ALPHA 2.0060 DEG

CN .6452
 CM -.0598
 CC -.0056

CD2 .01381
 CD3 .01341
 CD4 .01249
 CD5 .01348
 CD6 .01241

UPPER SURFACE			
X/C	CP	P _L /PT	MLOC
0.0000	1.1370	.9989	.0390
.0040	.3131	.7823	.6021
.0150	-.1965	.6483	.8112
.0250	-.3737	.6017	.8832
.0400	-.6697	.5239	1.0067
.0600	-.8669	.4721	1.0933
.0800	-.9435	.4519	1.1283
.1000	-1.0700	.4187	1.1881
.1400	-1.1180	.4060	1.2116
.1799	-1.1864	.3881	1.2459
.2201	-1.1978	.3851	1.2517
.2600	-1.2006	.3843	1.2532
.3000	-1.1917	.3867	1.2486
.3400	-1.1822	.3892	1.2438
.3801	-1.1731	.3916	1.2391
.4199	-1.0265	.4301	1.1672
.4600	-.6235	.5361	.9870
.5000	-.5400	.5580	.9518
.5400	-.5366	.5589	.9504
.5799	-.5549	.5541	.9581
.6201	-.5653	.5514	.9624
.6600	-.5391	.5583	.9514
.7000	-.4765	.5747	.9254
.7500	-.3580	.6059	.8767
.8000	-.2180	.6427	.8199
.8500	-.0727	.6809	.7612
.9237	.0873	.7229	.6963
.9749	.1527	.7401	.6694

LOWER SURFACE			
X/C	CP	P _L /PT	MLOC
0.0000	1.1370	.9989	.0390
.0040	.7157	.8882	.4146
.0080	.5169	.8359	.5120
.0262	.3785	.7995	.5740
.0500	.2947	.7775	.6100
.1000	.1620	.7426	.6656
.1500	.0866	.7228	.6965
.2000	.0241	.7063	.7220
.2500	-.0351	.6908	.7461
.3500	-.1657	.6564	.7988
.4500	-.2625	.6310	.8380
.5500	-.2206	.6420	.8210
.6500	-.0527	.6862	.7531
.7500	.0795	.7209	.6995
.8000	.1272	.7334	.6799
.8500	.1568	.7412	.6677
.9000	.1910	.7502	.6535
.9500	.1878	.7494	.6549

SPANWISE				
X/C	Y/(B/2)	CP	P _L /PT	MLOC
.5000	.7401	-.5744	.5490	.9662
.5000	.5427	-.5262	.5616	.9461
.5000	.3454	-.5080	.5664	.9385
.5000	.1480	-.5195	.5634	.9433
.5000	-.1480	-.5174	.5640	.9424
.5000	-.5427	-.5240	.5622	.9451
.5000	-.7401	-.5757	.5486	.9668

PT 2.6571 ATM
 TT 219.4981 K
 RC 4.0072 MILLION
 MACH .7322
 ALPHA 3.0039 DEG

CN .8207
 CM -.0727
 CC -.0114

CD2 .02416
 CD3 .02342
 CD4 .02324
 CD5 .02341
 CD6 .02092

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1157	.9933	.0978
.0040	.0999	.7261	.6913
.0150	-.3905	.5972	.8903
.0250	-.5241	.5620	.9455
.0400	-.8303	.4815	1.0772
.0600	-1.0227	.4309	1.1658
.0800	-1.0997	.4106	1.2031
.1000	-1.2097	.3817	1.2583
.1400	-1.2451	.3724	1.2767
.1799	-1.3110	.3550	1.3119
.2201	-1.3264	.3510	1.3203
.2600	-1.3336	.3491	1.3243
.3000	-1.3301	.3500	1.3223
.3400	-1.3326	.3494	1.3237
.3801	-1.3321	.3495	1.3234
.4199	-1.3325	.3494	1.3236
.4600	-1.3312	.3497	1.3229
.5000	-1.2601	.3684	1.2847
.5400	-.7667	.4982	1.0491
.5799	-.6165	.5377	.9843
.6201	-.5247	.5619	.9457
.6600	-.4477	.5821	.9138
.7000	-.3815	.5995	.8866
.7500	-.2863	.6246	.8478
.8000	-.1788	.6528	.8043
.8500	-.0620	.6836	.7571
.9237	.0832	.7217	.6981
.9749	.1503	.7394	.6706

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1157	.9933	.0978
.0040	.8841	.9324	.3174
.0080	.6913	.8817	.4274
.0262	.5093	.8338	.5156
.0500	.4056	.8065	.5622
.1000	.2559	.7672	.6266
.1500	.1701	.7446	.6624
.2000	.1007	.7263	.6910
.2500	.0366	.7095	.7172
.3500	-.0983	.6740	.7718
.4500	-.2014	.6469	.8135
.5500	-.1749	.6539	.8028
.6500	-.0213	.6943	.7406
.7500	.1016	.7266	.6906
.8000	.1459	.7382	.6724
.8500	.1721	.7451	.6616
.9000	.2037	.7534	.6484
.9500	.1961	.7514	.6516

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5321	.5599
.5000	.5427	-.8141	.4857
.5000	.3454	-1.1009	.4103
.5000	.1480	-1.2832	.3623
.5000	-.1480	-1.3268	.3509
.5000	-.5427	-.8388	.4793
.5000	-.7401	-.5614	.5522

PT 2.6567 ATM
 TT 219.4815 K
 RC 4.0068 MILLION
 MACH .7321
 ALPHA 3.5436 DEG

CN .8381
 CM -.0722
 CC -.0093

CD2 .03710
 CD3 .03338
 CD4 .03119
 CD5 .03082
 CD6 .02868

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0994	.9888	.1266
.0040	.0203	.7043	.7252
.0150	-.4610	.5773	.9213
.0250	-.5785	.5464	.9704
.0400	-.8807	.4666	1.1026
.0600	-1.0733	.4159	1.1933
.0800	-1.1492	.3959	1.2309
.1000	-1.2573	.3673	1.2869
.1400	-1.2909	.3585	1.3048
.1799	-1.3522	.3423	1.3385
.2201	-1.3695	.3378	1.3482
.2600	-1.3765	.3359	1.3522
.3000	-1.3737	.3366	1.3506
.3400	-1.3792	.3352	1.3537
.3801	-1.3708	.3374	1.3490
.4199	-1.3208	.3506	1.3212
.4600	-1.1669	.3912	1.2399
.5000	-.9011	.4613	1.1119
.5400	-.7414	.5034	1.0404
.5799	-.6632	.5240	1.0065
.6201	-.5819	.5454	.9719
.6600	-.4914	.5693	.9339
.7000	-.4007	.5932	.8964
.7500	-.2897	.6225	.8510
.8000	-.1942	.6477	.8122
.8500	-.1111	.6696	.7786
.9237	-.0102	.6962	.7376
.9749	.0399	.7094	.7172

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0994	.9888	.1266
.0040	.9287	.9438	.2882
.0080	.7433	.8949	.4009
.0262	.5504	.8441	.4976
.0500	.4396	.8148	.5483
.1000	.2841	.7738	.6159
.1500	.1944	.7502	.6536
.2000	.1210	.7308	.6840
.2500	.0549	.7134	.7111
.3500	-.0865	.6761	.7686
.4500	-.1968	.6470	.8133
.5500	-.1762	.6524	.8049
.6500	-.0303	.6909	.7458
.7500	.0855	.7215	.6986
.8000	.1254	.7320	.6822
.8500	.1472	.7377	.6732
.9000	.1706	.7439	.6635
.9500	.1420	.7364	.6753

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.6592	.5251
.5000	.5427	-.9779	.4410
.5000	.3454	-1.0704	.4166
.5000	.1480	-1.0086	.4329
.5000	-.1480	-1.0154	.4311
.5000	-.5427	-.9903	.4378
.5000	-.7401	-.8158	.4838

PT 2.6570 ATM
 TT 219.4785 K
 RC 4.0048 MILLION
 MACH .7313
 ALPHA 4.0120 DEG

CN .8277
 CM -.0681
 CC -.0068

CD2 .05646
 CD3 .04817
 CD4 .03857
 CD5 .03638
 CD6 .03540

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0800	.9840	.1518
.0040	-.0665	.6827	.7584
.0150	-.5408	.5581	.9516
.0250	-.6423	.5315	.9944
.0400	-.9367	.4541	1.1244
.0600	-1.1305	.4032	1.2170
.0800	-1.2053	.3835	1.2548
.1000	-1.3114	.3557	1.3107
.1400	-1.3447	.3469	1.3289
.1799	-1.4009	.3321	1.3604
.2201	-1.4171	.3279	1.3697
.2600	-1.4237	.3262	1.3734
.3000	-1.4161	.3281	1.3691
.3400	-1.3822	.3370	1.3498
.3801	-1.1870	.3883	1.2454
.4199	-.9443	.4521	1.1280
.4600	-.8071	.4882	1.0659
.5000	-.7276	.5090	1.0311
.5400	-.6779	.5221	1.0096
.5799	-.6157	.5384	.9831
.6201	-.5504	.5556	.9556
.6600	-.4815	.5737	.9270
.7000	-.4162	.5909	.9001
.7500	-.3263	.6145	.8634
.8000	-.2537	.6336	.8340
.8500	-.1952	.6489	.8103
.9237	-.1223	.6681	.7809
.9749	-.0678	.6824	.7589

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0800	.9840	.1518
.0040	.9690	.9548	.2574
.0080	.7908	.9080	.3734
.0262	.5875	.8546	.4786
.0500	.4752	.8251	.5308
.1000	.3112	.7820	.6027
.1500	.2186	.7576	.6418
.2000	.1403	.7371	.6742
.2500	.0737	.7196	.7015
.3500	-.0749	.6806	.7618
.4500	-.1900	.6503	.8082
.5500	-.1743	.6544	.8019
.6500	-.0394	.6899	.7474
.7500	.0672	.7179	.7041
.8000	.1031	.7273	.6895
.8500	.1211	.7320	.6821
.9000	.1359	.7359	.6760
.9500	.0895	.7237	.6950

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5907	.5450
.5000	.5427	-.8347	.4809
.5000	.3454	-.8236	.4838
.5000	.1480	-.7544	.5020
.5000	-.1480	-.7543	.5020
.5000	-.5427	-.8677	.4722
.5000	-.7401	-.7135	.5128

PT 2.6573 ATM
 TT 219.4452 K
 RC 4.0082 MILLION
 MACH .7320
 ALPHA 4.5212 DEG

CN .8049
 CM -.0698
 CC -.0015

CD2 .07537
 CD3 .06709
 CD4 .04590
 CD5 .04077
 CD6 .04167

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0567	.9777	.1796
.0040	-.1347	.6640	.7872
.0150	-.6034	.5405	.9798
.0250	-.6922	.5172	1.0177
.0400	-.9767	.4422	1.1454
.0600	-1.1678	.3919	1.2385
.0800	-1.2416	.3725	1.2765
.1000	-1.3456	.3451	1.3326
.1400	-1.3801	.3360	1.3520
.1799	-1.4342	.3218	1.3831
.2201	-1.4307	.3227	1.3811
.2600	-1.3766	.3369	1.3500
.3000	-1.2332	.3747	1.2721
.3400	-.9996	.4362	1.1562
.3801	-.8356	.4794	1.0808
.4199	-.7739	.4956	1.0533
.4600	-.7226	.5092	1.0309
.5000	-.6777	.5210	1.0115
.5400	-.6435	.5300	.9968
.5799	-.5912	.5438	.9746
.6201	-.5399	.5573	.9530
.6600	-.4944	.5693	.9340
.7000	-.4516	.5805	.9163
.7500	-.3883	.5972	.8902
.8000	-.3414	.6095	.8711
.8500	-.2941	.6220	.8518
.9237	-.2306	.6387	.8260
.9749	-.1730	.6539	.8027

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0567	.9777	.1796
.0040	.9983	.9623	.2345
.0080	.8254	.9168	.3541
.0262	.6157	.8616	.4658
.0500	.4969	.8303	.5218
.1000	.3306	.7865	.5953
.1500	.2344	.7611	.6362
.2000	.1550	.7403	.6692
.2500	.0842	.7216	.6984
.3500	-.0663	.6820	.7596
.4500	-.1894	.6496	.8093
.5500	-.1831	.6512	.8068
.6500	-.0536	.6853	.7544
.7500	.0507	.7128	.7120
.8000	.0828	.7212	.6989
.8500	.0911	.7234	.6955
.9000	.1009	.7260	.6915
.9500	.0404	.7101	.7162

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5513	.5543
.5000	.5427	-.8071	.4869
.5000	.3454	-.7444	.5034
.5000	.1480	-.6915	.5173
.5000	-.1480	-.6880	.5183
.5000	-.5427	-.8285	.4813
.5000	-.7401	-.6744	.5219

PT 2.6570 ATM
 TT 219.5059 K
 RC 3.9988 MILLION
 MACH .7297
 ALPHA 5.0100 DEG

CN .8154
 CM -.0736
 CC .0007

CD2 .08860
 CD3 .07789
 CD4 .05213
 CD5 .04583
 CD6 .04783

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0283	.9706	.2068
.0040	-.2206	.6429	.8196
.0150	-.6887	.5201	1.0129
.0250	-.7551	.5026	1.0417
.0400	-1.0283	.4310	1.1656
.0600	-1.2203	.3806	1.2605
.0800	-1.2928	.3616	1.2985
.1000	-1.3970	.3342	1.3558
.1400	-1.4316	.3252	1.3756
.1799	-1.4744	.3139	1.4007
.2201	-1.3845	.3375	1.3487
.2600	-1.1989	.3862	1.2495
.3000	-1.0221	.4326	1.1627
.3400	-.8713	.4722	1.0931
.3801	-.7970	.4916	1.0600
.4199	-.7597	.5014	1.0437
.4600	-.7195	.5120	1.0262
.5000	-.6799	.5224	1.0092
.5400	-.6490	.5305	.9960
.5799	-.6043	.5422	.9771
.6201	-.5617	.5534	.9592
.6600	-.5215	.5639	.9424
.7000	-.4860	.5732	.9277
.7500	-.4331	.5871	.9059
.8000	-.3871	.5992	.8871
.8500	-.3445	.6104	.8698
.9237	-.2621	.6267	.8445
.9749	-.2194	.6432	.8191

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0283	.9706	.2068
.0040	1.0297	.9709	.2055
.0080	.8675	.9284	.3272
.0262	.6530	.8721	.4460
.0500	.5336	.8408	.5035
.1000	.3590	.7949	.5815
.1500	.2606	.7691	.6234
.2000	.1763	.7470	.6586
.2500	.1059	.7285	.6875
.3500	-.0517	.6872	.7515
.4500	-.1779	.6541	.8024
.5500	-.1741	.6551	.8009
.6500	-.0545	.6865	.7527
.7500	.0413	.7116	.7139
.8000	.0712	.7194	.7017
.8500	.0801	.7218	.6981
.9000	.0854	.7232	.6959
.9500	.0171	.7053	.7237

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5213	.5640
.5000	.5427	-.8055	.4894
.5000	.3454	-.7149	.5132
.5000	.1480	-.6802	.5223
.5000	-.1480	-.6773	.5231
.5000	-.5427	-.8250	.4843
.5000	-.7401	-.6940	.5187

PT 2.6573 ATM
 TT 219.3005 K
 RC 4.0153 MILLION
 MACH .7331
 ALPHA 6.0283 DEG

CN .8363
 CM -.0799
 CC .0036

CD2 .11073
 CD3 .10385
 CD4 .07187
 CD5 .05857
 CD6 .06254

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.9783	.9574	.2499
.0040	-.3582	.6065	.8758
.0150	-.8526	.4767	1.0854
.0250	-.8575	.4754	1.0876
.0400	-1.0997	.4118	1.2009
.0600	-1.2901	.3618	1.2981
.0800	-1.3633	.3426	1.3380
.1000	-1.4657	.3157	1.3967
.1400	-1.4718	.3141	1.4003
.1799	-1.4389	.3227	1.3810
.2201	-1.1354	.4024	1.2184
.2600	-.9966	.4389	1.1514
.3000	-.9124	.4610	1.1124
.3400	-.8293	.4828	1.0750
.3801	-.7794	.4959	1.0529
.4199	-.7465	.5045	1.0385
.4600	-.7080	.5146	1.0219
.5000	-.6748	.5233	1.0076
.5400	-.6489	.5301	.9966
.5799	-.6127	.5397	.9812
.6201	-.5815	.5478	.9680
.6600	-.5521	.5556	.9557
.7000	-.5270	.5622	.9453
.7500	-.4871	.5726	.9287
.8000	-.4526	.5817	.9145
.8500	-.4192	.5904	.9008
.9237	-.3489	.6089	.8720
.9749	-.2830	.6262	.8453

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.9783	.9574	.2499
.0040	1.0781	.9836	.1538
.0080	.9357	.9462	.2819
.0262	.7147	.8881	.4147
.0500	.5885	.8550	.4778
.1000	.4084	.8077	.5603
.1500	.3046	.7805	.6051
.2000	.2161	.7573	.6424
.2500	.1414	.7376	.6733
.3500	-.0222	.6947	.7400
.4500	-.1568	.6594	.7943
.5500	-.1635	.6576	.7970
.6500	-.0564	.6857	.7538
.7500	.0337	.7094	.7173
.8000	.0603	.7163	.7065
.8500	.0634	.7172	.7052
.9000	.0648	.7175	.7047
.9500	-.0130	.6971	.7363

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.4972	.5700
.5000	.5427	-.7284	.5093
.5000	.3454	-.6325	.5345
.5000	.1480	-.6667	.5255
.5000	-.1480	-.6442	.5314
.5000	-.5427	-.8293	.4828
.5000	-.7401	-.7314	.5085

PT 2.6131 ATM
 TT 219.3875 K
 RC 3.9972 MILLION
 MACH .7494
 ALPHA -.9979 DEG

CN .2146
 CM -.0636
 CC .0101

CD2 .01095
 CD3 .01022
 CD4 .00897
 CD5 .00799
 CD6 .00928

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0957	.9856	.1439
.0040	.9063	.9341	.3131
.0150	.4200	.8020	.5698
.0250	.1910	.7398	.6700
.0400	-.0895	.6636	.7878
.0600	-.2914	.6087	.8723
.0800	-.4340	.5700	.9328
.1000	-.5174	.5473	.9688
.1400	-.5527	.5377	.9843
.1799	-.5775	.5310	.9951
.2201	-.5612	.5354	.9880
.2600	-.5421	.5406	.9796
.3000	-.5244	.5454	.9719
.3400	-.5314	.5435	.9749
.3801	-.5417	.5407	.9795
.4199	-.5513	.5381	.9836
.4600	-.5676	.5337	.9908
.5000	-.5911	.5273	1.0012
.5400	-.6118	.5217	1.0103
.5799	-.6275	.5174	1.0173
.6201	-.6339	.5157	1.0201
.6600	-.5887	.5280	1.0001
.7000	-.5046	.5508	.9633
.7500	-.3708	.5872	.9059
.8000	-.2220	.6276	.8432
.8500	-.0676	.6695	.7787
.9237	.0890	.7121	.7131
.9749	.1504	.7288	.6872

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0957	.9856	.1439
.0040	-.2462	.6210	.8533
.0080	-.3898	.5820	.9140
.0262	-.2219	.6276	.8431
.0500	-.1491	.6474	.8127
.1000	-.1697	.6418	.8213
.1500	-.1949	.6350	.8318
.2000	-.2330	.6246	.8478
.2500	-.2688	.6149	.8628
.3500	-.3889	.5823	.9136
.4500	-.4771	.5583	.9514
.5500	-.3525	.5921	.8981
.6500	-.1357	.6510	.8071
.7500	.0212	.6937	.7416
.8000	.0795	.7095	.7171
.8500	.1225	.7212	.6990
.9000	.1588	.7311	.6836
.9500	.1702	.7342	.6788

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5421	.5406	.9796
.5000	.5427	-.5844	.5291	.9982
.5000	.3454	-.5954	.5262	1.0030
.5000	.1480	-.5841	.5292	.9981
.5000	-.1480	-.5928	.5268	1.0019
.5000	-.5427	-.5686	.5334	.9913
.5000	-.7401	-.5575	.5364	.9864

PT 2.6133 ATM
 TT 219.3841 K
 RC 4.0007 MILLION
 MACH .7504
 ALPHA .0204 DEG

CN .3342
 CM -.0590
 CC .0077

CD2 .01136
 CD3 .01020
 CD4 .00908
 CD5 .00914
 CD6 .00888

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1408	.9978	.0560
.0040	.7592	.8940	.4027
.0150	.2475	.7549	.6461
.0250	.0242	.6942	.7407
.0400	-.2638	.6159	.8612
.0600	-.4624	.5619	.9456
.0800	-.5993	.5247	1.0053
.1000	-.7098	.4947	1.0549
.1400	-.7328	.4884	1.0654
.1799	-.7921	.4723	1.0929
.2201	-.7890	.4732	1.0914
.2600	-.6947	.4988	1.0481
.3000	-.5950	.5259	1.0035
.3400	-.5791	.5302	.9964
.3801	-.5937	.5252	1.0029
.4199	-.6006	.5244	1.0059
.4600	-.6143	.5206	1.0120
.5000	-.6353	.5149	1.0213
.5400	-.6482	.5114	1.0271
.5799	-.6519	.5104	1.0288
.6201	-.6419	.5131	1.0243
.6600	-.5795	.5301	.9966
.7000	-.4895	.5546	.9573
.7500	-.3542	.5914	.8994
.8000	-.2039	.6322	.8360
.8500	-.0541	.6730	.7734
.9237	.0871	.7113	.7143
.9749	.1405	.7259	.6918

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1408	.9978	.0560
.0040	.1427	.7264	.6908
.0080	-.0221	.6816	.7601
.0262	.0064	.6894	.7481
.0500	.0116	.6908	.7460
.1000	-.0612	.6710	.7764
.1500	-.1119	.6572	.7976
.2000	-.1550	.6455	.8156
.2500	-.1867	.6369	.8288
.3500	-.3142	.6022	.8824
.4500	-.4152	.5748	.9253
.5500	-.3207	.6005	.8852
.6500	-.1185	.6554	.8003
.7500	.0318	.6963	.7375
.8000	.0869	.7113	.7144
.8500	.1265	.7220	.6977
.9000	.1611	.7314	.6830
.9500	.1670	.7331	.6805

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5854	.5285	.9992
.5000	.5427	-.6125	.5211	1.0112
.5000	.3454	-.6165	.5200	1.0130
.5000	.1480	-.6271	.5172	1.0177
.5000	-.1480	-.6389	.5139	1.0230
.5000	-.5427	-.6148	.5205	1.0122
.5000	-.7401	-.5846	.5287	.9989

PT 2.6138 ATM
 TT 219.4843 K
 RC 4.0006 MILLION
 MACH .7509
 ALPHA 1.0093 DEG

CN .5085
 CM -.0609
 CC .0025

CD2 .01265
 CD3 .01146
 CD4 .01110
 CD5 .00919
 CD6 .00986

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1456	.9989	.0389
.0040	.5746	.8433	.4989
.0150	.0591	.7028	.7275
.0250	-.1450	.6472	.8130
.0400	-.4351	.5681	.9358
.0600	-.6289	.5153	1.0208
.0800	-.7383	.4855	1.0704
.1000	-.8685	.4500	1.1316
.1400	-.9221	.4354	1.1577
.1799	-.9842	.4185	1.1885
.2201	-1.0000	.4142	1.1964
.2600	-1.0057	.4126	1.1993
.3000	-.9989	.4145	1.1959
.3400	-.9984	.4146	1.1956
.3801	-.9947	.4156	1.1938
.4199	-.9712	.4220	1.1820
.4600	-.7671	.4776	1.0837
.5000	-.5780	.5292	.9981
.5400	-.5416	.5390	.9822
.5799	-.5693	.5316	.9942
.6201	-.5938	.5249	1.0051
.6600	-.5611	.5338	.9907
.7000	-.4815	.5555	.9559
.7500	-.3513	.5910	.8999
.8000	-.2023	.6316	.8370
.8500	-.0558	.6715	.7757
.9237	.0863	.7102	.7160
.9749	.1417	.7253	.6926

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1456	.9989	.0389
.0040	.4625	.8128	.5518
.0080	.2732	.7612	.6362
.0262	.2047	.7425	.6657
.0500	.1632	.7312	.6834
.1000	.0551	.7017	.7291
.1500	-.0082	.6845	.7557
.2000	-.0629	.6696	.7786
.2500	-.1012	.6591	.7947
.3500	-.2493	.6188	.8568
.4500	-.3472	.5921	.8982
.5500	-.2725	.6124	.8666
.6500	-.0890	.6625	.7896
.7500	.0539	.7014	.7296
.8000	.1041	.7151	.7085
.8500	.1408	.7251	.6929
.9000	.1743	.7342	.6787
.9500	.1755	.7345	.6782

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5945	.5247	1.0054
.5000	.5427	-.5419	.5390	.9822
.5000	.3454	-.4997	.5505	.9638
.5000	.1480	-.5507	.5366	.9861
.5000	-.1480	-.5367	.5350	.9887
.5000	-.5427	-.5521	.5363	.9867
.5000	-.7401	-.5883	.5264	1.0027

PT 2.6137 ATM
 TT 219.5059 K
 RC 4.0002 MILLION
 MACH .7510
 ALPHA 2.0366 DEG

CN .6936
 CM -.0758
 CC -.0011

CD2 .02214
 CD3 .02058
 CD4 .01939
 CD5 .01847
 CD6 .01540

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1428	.9983	.0494
.0040	.3724	.7887	.5918
.0150	-.1303	.6519	.8058
.0250	-.3088	.6033	.8808
.0400	-.6612	.5237	1.0070
.0600	-.7968	.4705	1.0959
.0800	-.8796	.4480	1.1352
.1000	-1.0023	.4146	1.1957
.1400	-1.0549	.4003	1.2225
.1799	-1.1273	.3806	1.2605
.2201	-1.1464	.3754	1.2708
.2600	-1.1582	.3722	1.2772
.3000	-1.1581	.3722	1.2771
.3400	-1.1596	.3718	1.2779
.3801	-1.1624	.3710	1.2794
.4199	-1.1677	.3696	1.2823
.4600	-1.1735	.3680	1.2855
.5000	-1.1980	.3613	1.2990
.5400	-1.1940	.3624	1.2968
.5799	-.7376	.4866	1.0685
.6201	-.5504	.5376	.9845
.6600	-.4583	.5626	.9445
.7000	-.3830	.5831	.9122
.7500	-.2816	.6107	.8693
.8000	-.1708	.6409	.8227
.8500	-.0598	.6711	.7763
.9237	.0716	.7068	.7213
.9749	.1331	.7236	.6953

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1428	.9983	.0494
.0040	.6936	.8761	.4384
.0080	.4991	.8231	.5341
.0262	.3681	.7875	.5937
.0500	.2915	.7666	.6274
.1000	.1577	.7302	.6849
.1500	.0832	.7100	.7164
.2000	.0201	.6928	.7429
.2500	-.0260	.6802	.7622
.3500	-.1776	.6390	.8256
.4500	-.2816	.6107	.8693
.5500	-.2253	.6260	.8456
.6500	-.0600	.6710	.7764
.7500	.0725	.7071	.7209
.8000	.1190	.7197	.7013
.8500	.1524	.7288	.6872
.9000	.1832	.7372	.6740
.9500	.1799	.7363	.6755

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.8037	.4686	1.0992
.5000	.5427	-1.0986	.3884	1.2453
.5000	.3454	-1.2083	.3585	1.3047
.5000	.1480	-1.2016	.3604	1.3010
.5000	-.1480	-1.2058	.3592	1.3033
.5000	-.5427	-1.1538	.3734	1.2748
.5000	-.7401	-.9934	.4170	1.1912

PT 2.6134 ATM
 TT 219.4469 K
 RC 4.0010 MILLION
 MACH .7510
 ALPHA 2.5355 DEG

CN .7132
 CM -.0753
 CC .0011

CD2 .03325
 CD3 .02897
 CD4 .02552
 CD5 .02453
 CD6 .02024

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1465	.9991	.0364	0.0000	1.1465	.9991	.0364	.5000	.7401	-1.0002	.4130	1.1986
.0040	.3102	.7708	.6206	.0040	.7620	.8941	.4026	.5000	.5427	-1.1831	.3631	1.2954
.0150	-.1864	.6352	.8315	.0080	.5664	.8407	.5035	.5000	.3454	-1.2522	.3442	1.3345
.0250	-.3469	.5914	.8993	.0262	.4179	.8002	.5729	.5000	.1480	-1.2044	.3573	1.3073
.0400	-.6455	.5099	1.0297	.0500	.3308	.7764	.6118	.5000	-.1480	-1.2166	.3540	1.3141
.0600	-.8401	.4567	1.1198	.1000	.1928	.7387	.6717	.5000	-.5427	-1.2324	.3496	1.3232
.0800	-.9225	.4343	1.1597	.1500	.1131	.7170	.7056	.5000	-.7401	-1.1312	.3773	1.2671
.1000	-1.0380	.4027	1.2179	.2000	.0478	.6991	.7332					
.1400	-1.0852	.3898	1.2425	.2500	-.0022	.6855	.7542					
.1799	-1.1587	.3698	1.2820	.3500	-.1555	.6436	.8185					
.2201	-1.1779	.3645	1.2925	.4500	-.2669	.6132	.8654					
.2600	-1.1903	.3611	1.2994	.5500	-.2206	.6258	.8459					
.3000	-1.1910	.3609	1.2998	.6500	-.0605	.6696	.7787					
.3400	-1.1958	.3596	1.3025	.7500	.0688	.7049	.7243					
.3801	-1.1983	.3590	1.3039	.8000	.1122	.7167	.7059					
.4199	-1.2043	.3573	1.3072	.8500	.1366	.7234	.6956					
.4600	-1.2056	.3570	1.3080	.9000	.1621	.7303	.6848					
.5000	-1.1026	.3851	1.2517	.9500	.1400	.7243	.6942					
.5400	-.8510	.4538	1.1250									
.5799	-.6443	.5102	1.0292									
.6201	-.5454	.5372	.9851									
.6600	-.4664	.5588	.9506									
.7000	-.3880	.5802	.9169									
.7500	-.2859	.6080	.8734									
.8000	-.1961	.6325	.8355									
.8500	-.1171	.6541	.8024									
.9237	-.0095	.6835	.7573									
.9749	.0380	.6965	.7373									

PT 2.6141 ATM
 TT 219.4052 K
 PC 4.0076 MILLION
 MACH .7525
 ALPHA 3.0243 DEG

CN .7175
 CM -.0714
 CC .0036

CD2 .05384
 CD3 .04337
 CD4 .03143
 CD5 .03030
 CD6 .02772

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1384	.9970	.0653	0.0000	1.1384	.9970	.0653	.5000	.7401	-.9906	.4171	1.1909
.0040	.2314	.7500	.6539	.0040	.8186	.9099	.3692	.5000	.5427	-1.2019	.3596	1.3025
.0150	-.2612	.6158	.8613	.0080	.6266	.8576	.4731	.5000	.3454	-1.2064	.3584	1.3051
.0250	-.4090	.5756	.9241	.0262	.4603	.8123	.5525	.5000	.1480	-.8384	.4586	1.1166
.0400	-.7096	.4937	1.0566	.0500	.3670	.7869	.5947	.5000	-.1480	-.8854	.4458	1.1391
.0600	-.9014	.4415	1.1468	.1000	.2205	.7470	.6586	.5000	-.5427	-1.2804	.3382	1.3472
.0800	-.9833	.4192	1.1872	.1500	.1366	.7242	.6944	.5000	-.7401	-1.1822	.3650	1.2917
.1000	-1.0940	.3890	1.2441	.2000	.0671	.7052	.7237					
.1400	-1.1367	.3774	1.2669	.2500	.0110	.6899	.7473					
.1799	-1.2073	.3581	1.3055	.3500	-.1441	.6477	.8122					
.2201	-1.2269	.3528	1.3166	.4500	-.2619	.6156	.8616					
.2600	-1.2388	.3496	1.3233	.5500	-.2246	.6258	.8459					
.3000	-1.2399	.3493	1.3239	.6500	-.0722	.6673	.7821					
.3400	-1.2449	.3479	1.3268	.7500	.0479	.7000	.7318					
.3801	-1.2431	.3484	1.3258	.8000	.0866	.7106	.7155					
.4199	-1.1957	.3613	1.2991	.8500	.1075	.7162	.7067					
.4600	-.9878	.4179	1.1895	.9000	.1236	.7206	.6999					
.5000	-.7188	.4912	1.0608	.9500	.0859	.7104	.7158					
.5400	-.6208	.5179	1.0166									
.5799	-.5712	.5314	.9945									
.6201	-.5130	.5472	.9690									
.6600	-.4585	.5621	.9454									
.7000	-.4059	.5764	.9228									
.7500	-.3286	.5975	.8898									
.8000	-.2611	.6158	.8613									
.8500	-.1957	.6337	.8338									
.9237	-.1261	.6526	.8047									
.9749	-.0736	.6669	.7827									

PT 2.6136 ATM
 TT 219.4055 K
 RC 4.0046 MILLION
 MACH .7517
 ALPHA 3.5126 DEG

CN .7227
 CM -.0731
 CC .0076

CD2 .06999
 CD3 .05497
 CD4 .03597
 CD5 .03544
 CD6 .03496

UPPER SURFACE			
X/C	CP	P _L /PT	MLOC
0.0000	1.1280	.9942	.0913
.0040	.1621	.7310	.6837
.0150	-.3249	.5984	.8884
.0250	-.4597	.5616	.9461
.0400	-.7611	.4795	1.0805
.0600	-.9512	.4277	1.1715
.0800	-1.0310	.4060	1.2117
.1000	-1.1395	.3764	1.2687
.1400	-1.1794	.3656	1.2904
.1799	-1.2470	.3471	1.3284
.2201	-1.2667	.3418	1.3397
.2600	-1.2786	.3385	1.3466
.3000	-1.2787	.3385	1.3466
.3400	-1.2750	.3395	1.3445
.3801	-1.1100	.3845	1.2529
.4199	-.8100	.4662	1.1034
.4600	-.6764	.5026	1.0417
.5000	-.6123	.5201	1.0130
.5400	-.5859	.5273	1.0012
.5799	-.5534	.5361	.9869
.6201	-.5100	.5479	.9679
.6600	-.4756	.5573	.9530
.7000	-.4433	.5661	.9390
.7500	-.3882	.5811	.9154
.8000	-.3378	.5948	.8939
.8500	-.2903	.6078	.8738
.9237	-.2294	.6244	.8481
.9749	-.1654	.6418	.8213

LOWER SURFACE			
X/C	CP	P _L /PT	MLOC
0.0000	1.1280	.9942	.0913
.0040	.8712	.9242	.3370
.0080	.6806	.8723	.4456
.0262	.5024	.8238	.5331
.0500	.4029	.7966	.5787
.1000	.2494	.7548	.6463
.1500	.1622	.7311	.6836
.2000	.0894	.7112	.7145
.2500	.0320	.6956	.7386
.3500	-.1288	.6518	.8059
.4500	-.2520	.6182	.8576
.5500	-.2229	.6261	.8454
.6500	-.0785	.6655	.7849
.7500	.0350	.6964	.7374
.8000	.0705	.7061	.7224
.8500	.0870	.7106	.7155
.9000	.0970	.7133	.7113
.9500	.0481	.7000	.7318

SPANWISE			
X/C	Y/(B/2)	CP	P _L /PT
.5000	.7401	-.9552	.4266
.5000	.5427	-1.1623	.3702
.5000	.3454	-.9141	.4378
.5000	.1480	-.6603	.5070
.5000	-.1480	-.7118	.4930
.5000	-.5427	-1.2674	.3416
.5000	-.7401	-1.2261	.3528

MLOC 1.1735
 1.2810
 1.1533
 1.0345
 1.0578
 1.3401
 1.3165

PT 2.6137 ATM
 TT 219.5541 K
 RC 3.9963 MILLION
 MACH .7501
 ALPHA 4.0374 DEG

CN .7416
 CM -.0761
 CC .0096

CD2 .08226
 CD3 .07038
 CD4 .04368
 CD5 .04064
 CD6 .04318

UPPER SURFACE			
X/C	CP	P _L /PT	MLOC
0.0000	1.1139	.9906	.1161
.0040	.0695	.7070	.7209
.0150	-.4088	.5772	.9215
.0250	-.5249	.5457	.9715
.0400	-.8232	.4647	1.1060
.0600	-1.0132	.4131	1.1985
.0800	-1.0920	.3917	1.2389
.1000	-1.1961	.3634	1.2948
.1400	-1.2348	.3529	1.3163
.1799	-1.2970	.3360	1.3519
.2201	-1.3165	.3307	1.3634
.2600	-1.3194	.3300	1.3651
.3000	-1.2719	.3429	1.3374
.3400	-1.0601	.4004	1.2224
.3801	-.7938	.4726	1.0923
.4199	-.6975	.4988	1.0481
.4600	-.6524	.5110	1.0278
.5000	-.6108	.5223	1.0092
.5400	-.5942	.5268	1.0019
.5799	-.5675	.5341	.9902
.6201	-.5298	.5443	.9737
.6600	-.4999	.5524	.9607
.7000	-.4736	.5596	.9493
.7500	-.4335	.5705	.9321
.8000	-.3910	.5820	.9140
.8500	-.3521	.5926	.8974
.9237	-.2845	.6109	.8689
.9749	-.2208	.6282	.8422

LOWER SURFACE			
X/C	CP	P _L /PT	MLOC
0.0000	1.1139	.9906	.1161
.0040	.9293	.9405	.2970
.0080	.7454	.8905	.4098
.0262	.5533	.8384	.5076
.0500	.4439	.8087	.5587
.1000	.2858	.7658	.6288
.1500	.1938	.7408	.6684
.2000	.1187	.7204	.7002
.2500	.0513	.7021	.7286
.3500	-.1053	.6596	.7940
.4500	-.2334	.6248	.8475
.5500	-.2194	.6286	.8416
.6500	-.0754	.6677	.7815
.7500	.0323	.6970	.7365
.8000	.0649	.7058	.7229
.8500	.0773	.7092	.7176
.9000	.0835	.7108	.7150
.9500	.0259	.6952	.7392

SPANWISE			
X/C	Y/(B/2)	CP	P _L /PT
.5000	.7401	-.8607	.4545
.5000	.5427	-1.0387	.4062
.5000	.3454	-.7943	.4725
.5000	.1480	-.6589	.5093
.5000	-.1480	-.6971	.4989
.5000	-.5427	-1.0840	.3939
.5000	-.7401	-1.2454	.3500

MLOC 1.1238
 1.2114
 1.0925
 1.0307
 1.0479
 1.2347
 1.3223

PT 2.6136 ATM
 TT 219.5113 K
 RC 3.9992 MILLION
 MACH .7508
 ALPHA 4.5314 DEG

CN .7417
 CM -.0757
 CC .0113

CD2 .09250
 CD3 .08373
 CD4 .05090
 CD5 .04508
 CD6 .04990

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0942	.9850	.1469
.0040	-.0015	.6866	.7525
.0150	-.4709	.5588	.9506
.0250	-.5731	.5309	.9953
.0400	-.8637	.4518	1.1285
.0600	-1.0553	.3996	1.2238
.0800	-1.1305	.3791	1.2634
.1000	-1.2346	.3508	1.3207
.1400	-1.2726	.3404	1.3426
.1799	-1.3304	.3247	1.3767
.2201	-1.3267	.3257	1.3744
.2600	-1.2602	.3438	1.3354
.3000	-1.0939	.3891	1.2440
.3400	-.8353	.4595	1.1150
.3801	-.7214	.4905	1.0619
.4199	-.6845	.5006	1.0451
.4600	-.6547	.5087	1.0317
.5000	-.6174	.5189	1.0149
.5400	-.6020	.5231	1.0081
.5799	-.5782	.5295	.9976
.6201	-.5453	.5385	.9830
.6600	-.5260	.5454	.9720
.7000	-.5026	.5501	.9644
.7500	-.4616	.5613	.9466
.8000	-.4232	.5717	.9301
.8500	-.3823	.5829	.9126
.9237	-.3285	.5975	.8897
.9749	-.2569	.6170	.8595

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0942	.9850	.1469
.0040	.9618	.9489	.2743
.0080	.7841	.9005	.3893
.0262	.5849	.8463	.4936
.0500	.4748	.8163	.5458
.1000	.3083	.7710	.6205
.1500	.2146	.7454	.6611
.2000	.1342	.7236	.6953
.2500	.0629	.7041	.7254
.3500	-.0971	.6606	.7925
.4500	-.2299	.6244	.8481
.5500	-.2230	.6263	.8452
.6500	-.0819	.6647	.7861
.7500	.0178	.6918	.7444
.8000	.0475	.6999	.7319
.8500	.0608	.7036	.7263
.9000	.0622	.7039	.7257
.9500	-.0043	.6858	.7537

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.8116	.4660	1.1038
.5000	.5427	-.9552	.4269	1.1731
.5000	.3454	-.7772	.4753	1.0877
.5000	.1480	-.6513	.5096	1.0301
.5000	-.1480	-.6538	.5089	1.0313
.5000	-.5427	-.9593	.4257	1.1751
.5000	-.7401	-1.2503	.3465	1.3297

PT 2.6137 ATM
 TT 219.6286 K
 RC 4.0047 MILLION
 MACH .7535
 ALPHA 5.0295 DEG

CN .7542
 CM -.0792
 CC .0132

CD2 .10146
 CD3 .09469
 CD4 .05905
 CD5 .05160
 CD6 .05831

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0729	.9792	.1734
.0040	-.0723	.6673	.7821
.0150	-.5382	.5404	.9800
.0250	-.6272	.5162	1.0193
.0400	-.9055	.4404	1.1487
.0600	-1.0939	.3891	1.2440
.0800	-1.1708	.3681	1.2853
.1000	-1.2714	.3407	1.3419
.1400	-1.3100	.3302	1.3645
.1799	-1.3584	.3170	1.3937
.2201	-1.2770	.3392	1.3452
.2600	-1.1067	.3856	1.2508
.3000	-.9211	.4361	1.1563
.3400	-.7839	.4735	1.0908
.3801	-.7182	.4914	1.0605
.4199	-.6919	.4986	1.0485
.4600	-.6633	.5063	1.0355
.5000	-.6321	.5148	1.0215
.5400	-.6172	.5189	1.0149
.5799	-.5896	.5264	1.0026
.6201	-.5638	.5334	.9912
.6600	-.5417	.5394	.9815
.7000	-.5259	.5438	.9746
.7500	-.4858	.5547	.9571
.8000	-.4583	.5622	.9452
.8500	-.4310	.5696	.9335
.9237	-.3588	.5893	.9026
.9749	-.2960	.6064	.8760

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0729	.9792	.1734
.0040	.9967	.9584	.2466
.0080	.8247	.9116	.3656
.0262	.6197	.8558	.4765
.0500	.4993	.8230	.5344
.1000	.3336	.7779	.6094
.1500	.2409	.7526	.6498
.2000	.1553	.7293	.6864
.2500	.0791	.7085	.7186
.3500	-.0804	.6651	.7855
.4500	-.2186	.6275	.8434
.5500	-.2148	.6285	.8418
.6500	-.0867	.6634	.7881
.7500	.0134	.6906	.7463
.8000	.0413	.6982	.7345
.8500	.0490	.7003	.7313
.9000	.0484	.7002	.7316
.9500	-.0209	.6813	.7606

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.7580	.4805	1.0788
.5000	.5427	-.8959	.4430	1.1441
.5000	.3454	-.7671	.4781	1.0830
.5000	.1480	-.6455	.5112	1.0275
.5000	-.1480	-.6472	.5107	1.0283
.5000	-.5427	-.8972	.4426	1.1447
.5000	-.7401	-1.1829	.3648	1.2919

PT 2.5926 ATM
 TT 219.5599 K
 RC 4.0068 MILLION
 MACH .7646
 ALPHA -.9574 DEG

CN .2224
 CM -.0649
 CC .0104

CD2 .01138
 CD3 .01061
 CD4 .00848
 CD5 .00800
 CD6 .00958

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1034	.9853	.1455
.0040	.9205	.9341	.3131
.0150	.4400	.7997	.5736
.0250	.2122	.7361	.6758
.0400	-.0677	.6578	.7968
.0600	-.2721	.6006	.8849
.0800	-.4178	.5599	.9489
.1000	-.5089	.5344	.9897
.1400	-.5550	.5215	1.0106
.1799	-.6119	.5056	1.0368
.2201	-.5902	.5117	1.0268
.2600	-.5686	.5177	1.0168
.3000	-.5434	.5247	1.0093
.3400	-.5463	.5239	1.0067
.3801	-.5611	.5198	1.0134
.4199	-.5713	.5169	1.0181
.4600	-.5925	.5110	1.0278
.5000	-.6242	.5021	1.0425
.5400	-.6497	.4950	1.0544
.5799	-.6770	.4874	1.0672
.6201	-.6991	.4812	1.0777
.6600	-.6392	.4980	1.0495
.7000	-.4902	.5396	.9813
.7500	-.3464	.5798	.9174
.8000	-.1957	.6220	.8519
.8500	-.0473	.6635	.7880
.9237	.0917	.7024	.7282
.9749	.1477	.7180	.7040

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1034	.9853	.1455
.0040	-.2326	.6117	.8678
.0080	-.3865	.5686	.9350
.0262	-.2175	.6159	.8613
.0500	-.1416	.6371	.8285
.1000	-.1671	.6300	.8395
.1500	-.1939	.6225	.8511
.2000	-.2343	.6112	.8685
.2500	-.2709	.6009	.8844
.3500	-.4000	.5648	.9410
.4500	-.5047	.5356	.9878
.5500	-.3589	.5763	.9229
.6500	-.1334	.6394	.8250
.7500	.0254	.6838	.7568
.8000	.0839	.7002	.7316
.8500	.1263	.7120	.7132
.9000	.1625	.7222	.6975
.9500	.1718	.7247	.6935

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5668	.5182
.5000	.5427	-.6112	.5058
.5000	.3454	-.6031	.5081
.5000	.1480	-.6169	.5042
.5000	-.1480	-.6254	.5018
.5000	-.5427	-.6029	.5081
.5000	-.7401	-.5888	.5121

MLOC 1.0160
 1.0365
 1.0327
 1.0391
 1.0431
 1.0326
 1.0261

PT 2.5930 ATM
 TT 219.5142 K
 RC 4.0143 MILLION
 MACH .7666
 ALPHA -.9572 DEG

CN .2237
 CM -.0648
 CC .0104

CD2 .01124
 CD3 .01051
 CD4 .00861
 CD5 .00804
 CD6 .00978

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1017	.9851	.1463
.0040	.9150	.9331	.3157
.0150	.4316	.7984	.5759
.0250	.2039	.7349	.6776
.0400	-.0760	.6569	.7980
.0600	-.2797	.6001	.8857
.0800	-.4251	.5596	.9493
.1000	-.5152	.5345	.9895
.1400	-.5601	.5220	1.0098
.1799	-.6128	.5073	1.0339
.2201	-.5907	.5135	1.0238
.2600	-.5688	.5196	1.0137
.3000	-.5449	.5263	1.0029
.3400	-.5490	.5251	1.0047
.3801	-.5625	.5213	1.0109
.4199	-.5724	.5186	1.0154
.4600	-.5935	.5127	1.0250
.5000	-.6248	.5040	1.0394
.5400	-.6493	.4971	1.0508
.5799	-.6740	.4903	1.0623
.6201	-.6949	.4844	1.0722
.6600	-.6341	.5014	1.0438
.7000	-.4947	.5402	.9802
.7500	-.3531	.5797	.9176
.8000	-.2015	.6219	.8519
.8500	-.0520	.6636	.7878
.9237	.0891	.7029	.7273
.9749	.1457	.7187	.7029

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1017	.9851	.1463
.0040	-.2308	.6138	.8645
.0080	-.3820	.5717	.9302
.0262	-.2165	.6178	.8584
.0500	-.1425	.6384	.8265
.1000	-.1686	.6311	.8378
.1500	-.1949	.6238	.8490
.2000	-.2353	.6125	.8664
.2500	-.2720	.6023	.8823
.3500	-.3999	.5667	.9381
.4500	-.5023	.5381	.9837
.5500	-.3600	.5778	.9206
.6500	-.1357	.6403	.8236
.7500	.0228	.6844	.7558
.8000	.0813	.7007	.7307
.8500	.1236	.7125	.7124
.9000	.1597	.7226	.6968
.9500	.1694	.7253	.6926

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5673	.5200
.5000	.5427	-.6139	.5070
.5000	.3454	-.6045	.5096
.5000	.1480	-.6176	.5060
.5000	-.1480	-.6262	.5036
.5000	-.5427	-.6023	.5103
.5000	-.7401	-.5875	.5144

MLOC 1.0130
 1.0344
 1.0301
 1.0361
 1.0401
 1.0291
 1.0223

PT 2.5927 ATM
 TT 219.4294 K
 RC 4.0163 MILLION
 MACH .7667
 ALPHA .0204 DEG

CN .3442
 CM -.0611
 CC .0084

CD2 .01178
 CD3 .01064
 CD4 .00895
 CD5 .00864
 CD6 .00918

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1451	.9970	.0657	0.0000	1.1451	.9970	.0657	.5000	.7401	-.6054	.5076	1.0334
.0040	.7887	.8974	.3959	.0040	.1196	.7103	.7159	.5000	.5427	-.6213	.5032	1.0408
.0150	.2846	.7564	.6437	.0080	-.0452	.6642	.7868	.5000	.3454	-.6052	.5077	1.0333
.0250	.6624	.6943	.7406	.0262	-.0039	.6758	.7691	.5000	.1480	-.6087	.5067	1.0349
.0400	-.2225	.6147	.8631	.0500	.0062	.6786	.7647	.5000	-.1480	-.6159	.5047	1.0383
.0600	-.4215	.5590	.9502	.1000	-.0688	.6576	.7970	.5000	-.5427	-.6344	.4995	1.0468
.0800	-.5607	.5201	1.0129	.1500	-.0982	.6494	.8096	.5000	-.7401	-.6162	.5046	1.0384
.1000	-.6738	.4885	1.0653	.2000	-.1606	.6320	.8364					
.1400	-.7107	.4782	1.0828	.2500	-.1946	.6225	.8511					
.1799	-.7742	.4604	1.1134	.3500	-.3376	.5825	.9132					
.2201	-.7996	.4534	1.1258	.4500	-.4401	.5538	.9585					
.2600	-.8021	.4526	1.1270	.5500	-.3318	.5841	.9107					
.3000	-.7927	.4553	1.1224	.6500	-.1192	.6436	.8186					
.3400	-.7621	.4638	1.1075	.7500	.0349	.6866	.7524					
.3801	-.6621	.4918	1.0598	.8000	.0898	.7020	.7287					
.4199	-.5663	.5186	1.0154	.8500	.1299	.7132	.7114					
.4600	-.5608	.5201	1.0129	.9000	.1644	.7228	.6965					
.5000	-.6118	.5058	1.0364	.9500	.1684	.7240	.6947					
.5400	-.6601	.4923	1.0589									
.5799	-.7017	.4807	1.0785									
.6201	-.7221	.4750	1.0882									
.6600	-.6341	.4996	1.0467									
.7000	-.4764	.5437	.9747									
.7500	-.3313	.5843	.9104									
.8000	-.1626	.6258	.8459									
.8500	-.0403	.6656	.7847									
.9237	.0872	.7012	.7299									
.9749	.1368	.7151	.7084									

PT 2.5926 ATM
 TT 219.4861 K
 RC 4.0115 MILLION
 MACH .7656
 ALPHA .9979 DEG

CN .5363
 CM -.0713
 CC .0049

CD2 .01544
 CD3 .01425
 CD4 .01284
 CD5 .00947
 CD6 .01040

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1529	.9992	.0328	0.0000	1.1529	.9992	.0328	.5000	.7401	-.7290	.4739	1.0902
.0040	.6160	.8494	.4881	.0040	.4393	.8000	.5731	.5000	.5427	-.9226	.4198	1.1860
.0150	.1058	.7069	.7211	.0080	.2534	.7481	.6568	.5000	.3454	-1.0161	.3937	1.2350
.0250	-.0979	.6501	.8086	.0262	.1953	.7319	.6823	.5000	.1480	-1.0283	.3903	1.2415
.0400	-.3852	.5699	.9331	.0500	.1585	.7217	.6983	.5000	-.1480	-1.0344	.3886	1.2448
.0600	-.5784	.5159	1.0197	.1000	.0523	.6920	.7442	.5000	-.5427	-.9291	.4180	1.1893
.0800	-.6895	.4849	1.0714	.1500	.0077	.6796	.7633	.5000	-.7401	-.7777	.4603	1.1136
.1000	-.8165	.4495	1.1326	.2000	-.0654	.6591	.7946					
.1400	-.8749	.4332	1.1617	.2500	-.1041	.6484	.8112					
.1799	-.9415	.4146	1.1957	.3500	-.2577	.6055	.8774					
.2201	-.9636	.4084	1.2072	.4500	-.3617	.5764	.9227					
.2600	-.9745	.4054	1.2129	.5500	-.2779	.5998	.8862					
.3000	-.9745	.4054	1.2129	.6500	-.0866	.6532	.8038					
.3400	-.9807	.4036	1.2162	.7500	.0578	.6935	.7418					
.3801	-.9846	.4025	1.2182	.8000	.1085	.7077	.7199					
.4199	-.9938	.4000	1.2231	.8500	.1460	.7182	.7037					
.4600	-1.0032	.3973	1.2281	.9000	.1778	.7271	.6899					
.5000	-1.0294	.3900	1.2421	.9500	.1775	.7270	.6900					
.5400	-1.0462	.3853	1.2512									
.5799	-.8677	.4352	1.1581									
.6201	-.5371	.5275	1.0009									
.6600	-.4451	.5532	.9596									
.7000	-.3853	.5698	.9331									
.7500	-.2838	.5982	.8887									
.8000	-.1624	.6321	.8363									
.8500	-.0430	.6654	.7850									
.9237	.0800	.6997	.7322									
.9749	.1361	.7154	.7080									

PT 2.5926 ATM
 TT 219.5373 K
 RC 4.0133 MILLION
 MACH .7667
 ALPHA 1.5172 DEG

CN .5864
 CM -.0750
 CC .0073

CD2 .02454
 CD3 .02181
 CD4 .01851
 CD5 .01482
 CD6 .01373

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1528	.9989	.0394
.0040	.5454	.8286	.5247
.0150	.0399	.6869	.7520
.0250	-.1547	.6323	.8359
.0400	-.4417	.5519	.9616
.0600	-.6340	.4980	1.0495
.0800	-.7341	.4699	1.0970
.1000	-.8587	.4350	1.1584
.1400	-.9197	.4179	1.1896
.1799	-.9909	.3979	1.2270
.2201	-1.0133	.3916	1.2391
.2600	-1.0256	.3882	1.2457
.3000	-1.0286	.3873	1.2473
.3400	-1.0344	.3857	1.2505
.3801	-1.0403	.3841	1.2537
.4199	-1.0489	.3816	1.2585
.4600	-1.0598	.3786	1.2645
.5000	-1.0879	.3707	1.2801
.5400	-1.0833	.3720	1.2775
.5799	-.8351	.4416	1.1466
.6201	-.5361	.5254	1.0043
.6600	-.4351	.5537	.9587
.7000	-.3602	.5747	.9254
.7500	-.2640	.6017	.8833
.8000	-.1755	.6265	.8448
.8500	-.0545	.6492	.8099
.9237	-.0026	.6750	.7703
.9749	.0529	.6905	.7464

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1528	.9989	.0394
.0040	.5406	.8273	.5270
.0080	.3508	.7741	.6155
.0262	.2632	.7495	.6547
.0500	.2126	.7353	.6770
.1000	.0949	.7023	.7283
.1500	.0435	.6879	.7504
.2000	-.0320	.6667	.7830
.2500	-.0736	.6551	.8009
.3500	-.2320	.6107	.8693
.4500	-.3433	.5795	.9180
.5500	-.2717	.5995	.8866
.6500	-.0876	.6512	.8069
.7500	.0513	.6901	.7471
.8000	.0987	.7034	.7266
.8500	.1304	.7123	.7129
.9000	.1556	.7193	.7019
.9500	.1400	.7150	.7087

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.9887	.3985
.5000	.5427	-1.0468	.3822
.5000	.3454	-1.0968	.3682
.5000	.1480	-1.0898	.3702
.5000	-.1480	-1.0947	.3688
.5000	-.5427	-1.0627	.3778
.5000	-.7401	-1.0083	.3930

PT 2.5926 ATM
 TT 219.5438 K
 RC 4.0101 MILLION
 MACH .7656
 ALPHA 2.0162 DEG

CN .6145
 CM -.0719
 CC .0081

CD2 .03806
 CD3 .03165
 CD4 .02414
 CD5 .02153
 CD6 .01825

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1515	.9989	.0393
.0040	.4631	.8069	.5617
.0150	-.0401	.6665	.7834
.0250	-.2245	.6150	.8626
.0400	-.5133	.5345	.9895
.0600	-.7067	.4805	1.0789
.0800	-.7932	.4564	1.1205
.1000	-.9190	.4213	1.1833
.1400	-.9765	.4053	1.2131
.1799	-1.0505	.3846	1.2527
.2201	-1.0722	.3785	1.2646
.2600	-1.0855	.3748	1.2719
.3000	-1.0890	.3739	1.2738
.3400	-1.0945	.3723	1.2768
.3801	-1.1009	.3705	1.2804
.4199	-1.1088	.3683	1.2849
.4600	-1.1175	.3659	1.2897
.5000	-1.0549	.3834	1.2551
.5400	-.7679	.4634	1.1082
.5799	-.5735	.5177	1.0169
.6201	-.4841	.5426	.9764
.6600	-.4259	.5589	.9505
.7000	-.3679	.5750	.9249
.7500	-.2871	.5976	.8896
.8000	-.2197	.6164	.8605
.8500	-.1582	.6335	.8340
.9237	-.0744	.6569	.7981
.9749	-.0316	.6689	.7797

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1515	.9989	.0393
.0040	.6345	.8547	.4784
.0080	.4410	.8007	.5720
.0262	.3254	.7684	.6246
.0500	.2590	.7499	.6540
.1000	.1328	.7147	.7091
.1500	.0749	.6986	.7340
.2000	-.0032	.6768	.7676
.2500	-.0482	.6642	.7869
.3500	-.2085	.6195	.8556
.4500	-.3260	.5867	.9066
.5500	-.2674	.6031	.8811
.6500	-.0915	.6521	.8054
.7500	.0424	.6895	.7480
.8000	.0865	.7018	.7291
.8500	.1114	.7088	.7183
.9000	.1316	.7144	.7096
.9500	.1028	.7063	.7220

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-1.0591	.3822
.5000	.5427	-1.1082	.3685
.5000	.3454	-1.1598	.3541
.5000	.1480	-1.1386	.3600
.5000	-.1480	-1.1438	.3586
.5000	-.5427	-1.1359	.3608
.5000	-.7401	-1.0751	.3777

PT	2.5929	ATM	CN	.6220		
TT	219.6225	K	CM	-.0681	CD2	.05508
RC	4.0157	MILLION	CC	.0110	CD3	.04596
MACH	.7681				CD4	.03260
ALPHA	2.5457	DEG			CD5	.02826
					CD6	.02463

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1533	.9992	.0334	0.0000	1.1533	.9992	.0334	.5000	.7401	-1.1092	.3663	1.2890
.0040	.3944	.7869	.5947	.0040	.7096	.8751	.4403	.5000	.5427	-1.1507	.3547	1.3127
.0150	-.1016	.6482	.8115	.0080	.5174	.8213	.5373	.5000	.3454	-1.1961	.3420	1.3393
.0250	-.2696	.6012	.8841	.0262	.3831	.7837	.5998	.5000	.1480	-.8302	.4443	1.1417
.0400	-.5640	.5188	1.0150	.0500	.3058	.7621	.6347	.5000	-.1480	-.8665	.4342	1.1599
.0600	-.7592	.4642	1.1069	.1000	.1695	.7240	.6946	.5000	-.5427	-1.1907	.3435	1.3360
.0800	-.8426	.4409	1.1479	.1500	.1055	.7061	.7224	.5000	-.7401	-1.1199	.3633	1.2951
.1000	-.9613	.4077	1.2086	.2000	.0246	.6835	.7573					
.1400	-1.0128	.3932	1.2359	.2500	-.0248	.6696	.7785					
.1799	-1.0872	.3724	1.2766	.3500	-.1892	.6236	.8493					
.2201	-1.1100	.3661	1.2894	.4500	-.3147	.5885	.9038					
.2600	-1.1238	.3622	1.2972	.5500	-.2672	.6018	.8830					
.3000	-1.1285	.3609	1.2999	.6500	-.0989	.6489	.8103					
.3400	-1.1338	.3594	1.3030	.7500	.0272	.6842	.7562					
.3801	-1.1404	.3575	1.3068	.8000	.0672	.6954	.7389					
.4199	-1.1395	.3578	1.3062	.8500	.0879	.7012	.7300					
.4600	-1.0110	.3937	1.2350	.9000	.1002	.7046	.7247					
.5000	-.6375	.4982	1.0490	.9500	.0577	.6927	.7431					
.5400	-.5336	.5273	1.0012									
.5799	-.4932	.5386	.9829									
.6201	-.4499	.5507	.9634									
.6600	-.4136	.5609	.9473									
.7000	-.3821	.5697	.9334									
.7500	-.3255	.5855	.9085									
.8000	-.2745	.5998	.8862									
.8500	-.2298	.6123	.8668									
.9237	-.1694	.6292	.8407									
.9749	-.1252	.6416	.8217									

PT	2.5851	ATM	CN	.6363		
TT	219.6441	K	CM	-.0669	CD2	.06342
RC	3.9980	MILLION	CC	.0125	CD3	.05557
MACH	.7663				CD4	.04012
ALPHA	2.9836	DEG			CD5	.03259
					CD6	.03076

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1506	.9985	.0466	0.0000	1.1506	.9985	.0466	.5000	.7401	-1.1458	.3562	1.3095
.0040	.3263	.7680	.6253	.0040	.7660	.8909	.4091	.5000	.5427	-1.1874	.3446	1.3337
.0150	-.1634	.6310	.8379	.0080	.5762	.8378	.5086	.5000	.3454	-1.1651	.3508	1.3206
.0250	-.3219	.5867	.9067	.0262	.4270	.7961	.5796	.5000	.1480	-.6392	.4979	1.0495
.0400	-.6167	.5042	1.0390	.0500	.3425	.7725	.6181	.5000	-.1480	-.6455	.4962	1.0525
.0600	-.8114	.4498	1.1321	.1000	.1983	.7321	.6819	.5000	-.5427	-1.2416	.3294	1.3662
.0800	-.8940	.4266	1.1735	.1500	.1291	.7128	.7120	.5000	-.7401	-1.1611	.3520	1.3183
.1000	-1.0077	.3949	1.2329	.2000	.0453	.6894	.7482					
.1400	-1.0542	.3819	1.2580	.2500	-.0071	.6747	.7707					
.1799	-1.1274	.3614	1.2989	.3500	-.1758	.6275	.8433					
.2201	-1.1492	.3553	1.3114	.4500	-.3053	.5913	.8994					
.2600	-1.1646	.3510	1.3203	.5500	-.2649	.6026	.8819					
.3000	-1.1684	.3499	1.3226	.6500	-.1039	.6476	.8123					
.3400	-1.1747	.3482	1.3262	.7500	.0147	.6808	.7614					
.3801	-1.1711	.3492	1.3241	.8000	.0521	.6913	.7453					
.4199	-.9853	.4011	1.2209	.8500	.0731	.6971	.7363					
.4600	-.6898	.4838	1.0733	.9000	.0810	.6994	.7328					
.5000	-.5574	.5208	1.0118	.9500	.0307	.6853	.7545					
.5400	-.5224	.5306	.9958									
.5799	-.5008	.5366	.9861									
.6201	-.4654	.5465	.9702									
.6600	-.4349	.5551	.9565									
.7000	-.4112	.5617	.9460									
.7500	-.3631	.5751	.9248									
.8000	-.3131	.5891	.9028									
.8500	-.2726	.6004	.8852									
.9237	-.2219	.6146	.8632									
.9749	-.1707	.6289	.8411									

PT 2.5854 ATM
 TT 219.7124 K
 RC 3.9944 MILLION
 MACH .7655
 ALPHA 3.5113 DEG

CN .6500
 CM -.0679
 CC .0147

CD2 .07590
 CD3 .06972
 CD4 .04462
 CD5 .03713
 CD6 .03867

UPPER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	1.1485	.9979	.0548
.0040	.2586	.7491	.6553
.0150	-.2285	.6129	.8659
.0250	-.3731	.5725	.9290
.0400	-.6702	.4894	1.0639
.0600	-.8603	.4362	1.1562
.0800	-.9425	.4132	1.1982
.1000	-1.0506	.3830	1.2558
.1400	-1.0949	.3706	1.2803
.1799	-1.1662	.3507	1.3209
.2201	-1.1882	.3445	1.3338
.2600	-1.2020	.3407	1.3420
.3000	-1.2054	.3397	1.3441
.3400	-1.1965	.3422	1.3388
.3801	-.9537	.4101	1.2040
.4199	-.6894	.4840	1.0729
.4600	-.5966	.5100	1.0296
.5000	-.5499	.5230	1.0081
.5400	-.5288	.5289	.9985
.5799	-.5059	.5353	.9882
.6201	-.4748	.5440	.9742
.6600	-.4547	.5496	.9652
.7000	-.4406	.5536	.9589
.7500	-.3944	.5665	.9384
.8000	-.3598	.5762	.9232
.8500	-.3320	.5839	.9109
.9237	-.2747	.6000	.8859
.9749	-.2260	.6136	.8648

LOWER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	1.1485	.9979	.0548
.0040	.8306	.9090	.3712
.0080	.6380	.8552	.4776
.0262	.4727	.8089	.5582
.0500	.3764	.7820	.6027
.1000	.2287	.7407	.6685
.1500	.1535	.7197	.7014
.2000	.0697	.6963	.7376
.2500	.0105	.6797	.7631
.3500	-.1562	.6331	.8347
.4500	-.2942	.5945	.8944
.5500	-.2650	.6027	.8817
.6500	-.1083	.6465	.8141
.7500	.0097	.6795	.7634
.8000	.0446	.6893	.7484
.8500	.0586	.6932	.7423
.9000	.0640	.6947	.7401
.9500	.0072	.6788	.7645

SPANWISE

X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.1918	.3435	1.3360
.5000	.5427	-1.2254	.3341	1.3560
.5000	.3454	-.9220	.4190	1.1875
.5000	.1480	-.6048	.5077	1.0334
.5000	-.1480	-.5914	.5114	1.0272
.5000	-.5427	-1.2870	.3169	1.3940
.5000	-.7401	-1.1985	.3416	1.3400

PT 2.5880 ATM
 TT 219.8635 K
 RC 3.9972 MILLION
 MACH .7663
 ALPHA 3.9917 DEG

CN .6734
 CM -.0710
 CC .0162

CD2 .08620
 CD3 .08445
 CD4 .05151
 CD5 .04151
 CD6 .04703

UPPER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	1.1350	.9943	.0905
.0040	.1769	.7268	.6903
.0150	-.3032	.5928	.8972
.0250	-.4326	.5566	.9540
.0400	-.7291	.4739	1.0902
.0600	-.9181	.4211	1.1837
.0800	-.9975	.3989	1.2251
.1000	-1.1043	.3691	1.2833
.1400	-1.1448	.3578	1.3062
.1799	-1.2117	.3391	1.3453
.2201	-1.2341	.3329	1.3588
.2600	-1.2448	.3299	1.3653
.3000	-1.2188	.3371	1.3496
.3400	-1.0143	.3942	1.2340
.3801	-.7204	.4763	1.0861
.4199	-.6242	.5031	1.0408
.4600	-.5860	.5138	1.0232
.5000	-.5523	.5232	1.0078
.5400	-.5412	.5263	1.0028
.5799	-.5204	.5321	.9934
.6201	-.4931	.5397	.9810
.6600	-.4766	.5443	.9737
.7000	-.4688	.5465	.9702
.7500	-.4361	.5557	.9556
.8000	-.4065	.5639	.9425
.8500	-.3802	.5713	.9309
.9237	-.3254	.5866	.9068
.9749	-.2651	.6034	.8806

LOWER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	1.1350	.9943	.0905
.0040	.8868	.9250	.3353
.0080	.6984	.8724	.4455
.0262	.5183	.8221	.5360
.0500	.4169	.7938	.5834
.1000	.2619	.7505	.6531
.1500	.1801	.7277	.6889
.2000	.0959	.7042	.7254
.2500	.0319	.6863	.7529
.3500	-.1349	.6397	.8245
.4500	-.2750	.6006	.8849
.5500	-.2547	.6063	.8761
.6500	-.1062	.6477	.8122
.7500	.0059	.6790	.7641
.8000	.0385	.6881	.7501
.8500	.0503	.6914	.7450
.9000	.0524	.6920	.7441
.9500	-.0110	.6743	.7713

SPANWISE

X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.2053	.3409	1.3415
.5000	.5427	-1.2358	.3324	1.3598
.5000	.3454	-.8467	.4410	1.1476
.5000	.1480	-.6213	.5040	1.0395
.5000	-.1480	-.6083	.5076	1.0335
.5000	-.5427	-1.3131	.3108	1.4078
.5000	-.7401	-1.2408	.3310	1.3628

PT 2.5948 ATM
 TT 219.9099 K
 RC 4.0058 MILLION
 MACH .7661
 ALPHA 4.5212 DEG

CN .6913
 CM -.0752
 CC .0184

CD2 .09717
 CD3 .09600
 CD4 .05773
 CD5 .04605
 CD6 .05459

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1206	.9903	.1182
.0040	.1028	.7061	.7223
.0150	-.3708	.5740	.9266
.0250	-.4840	.5423	.9769
.0400	-.7764	.4607	1.1129
.0600	-.9643	.4083	1.2074
.0800	-1.0444	.3859	1.2501
.1000	-1.1461	.3575	1.3068
.1400	-1.1866	.3462	1.3303
.1799	-1.2509	.3283	1.3687
.2201	-1.2683	.3234	1.3794
.2600	-1.2308	.3339	1.3566
.3000	-1.0654	.3801	1.2615
.3400	-.7661	.4636	1.1079
.3801	-.6573	.4940	1.0561
.4199	-.6254	.5029	1.0413
.4600	-.6002	.5099	1.0296
.5000	-.5704	.5182	1.0159
.5400	-.5585	.5216	1.0105
.5799	-.5425	.5260	1.0032
.6201	-.5193	.5325	.9927
.6600	-.5068	.5360	.9871
.7000	-.5017	.5374	.9848
.7500	-.4715	.5458	.9713
.8000	-.4518	.5513	.9625
.8500	-.4335	.5564	.9543
.9237	-.3637	.5759	.9235
.9749	-.3022	.5931	.8966

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1206	.9903	.1182
.0040	.9364	.9388	.3012
.0080	.7489	.8865	.4180
.0262	.5599	.8337	.5158
.0500	.4469	.8022	.5695
.1000	.2900	.7584	.6406
.1500	.2029	.7341	.6789
.2000	.1196	.7108	.7151
.2500	.0494	.6913	.7453
.3500	-.1156	.6452	.8161
.4500	-.2614	.6045	.8789
.5500	-.2521	.6071	.8749
.6500	-.1084	.6472	.8130
.7500	.0036	.6784	.7650
.8000	.0343	.6870	.7518
.8500	.0395	.6885	.7496
.9000	.0401	.6886	.7493
.9500	-.0271	.6699	.7781

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.0584	.3820	1.2577
.5000	.5427	-1.1646	.3524	1.3174
.5000	.3454	-.8235	.4476	1.1359
.5000	.1480	-.6224	.5037	1.0399
.5000	-.1480	-.6213	.5040	1.0394
.5000	-.5427	-1.2075	.3404	1.3426
.5000	-.7401	-1.2720	.3224	1.3817

PT 2.5642 ATM
 TT 219.8545 K
 RC 3.9970 MILLION
 MACH .7792
 ALPHA -.9979 DEG

CN .2175
 CM -.0669
 CC .0111

CD2 .01278
 CD3 .01143
 CD4 .00929
 CD5 .00848
 CD6 .01122

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1021	.9834	.1548
.0040	.9395	.9371	.3056
.0150	.4637	.8017	.5703
.0250	.2369	.7372	.6740
.0400	-.0410	.6582	.7962
.0600	-.2455	.6000	.8859
.0800	-.3921	.5583	.9514
.1000	-.4857	.5317	.9941
.1400	-.5377	.5169	1.0182
.1799	-.6123	.4957	1.0533
.2201	-.6067	.4972	1.0507
.2600	-.5877	.5027	1.0417
.3000	-.5549	.5120	1.0262
.3400	-.5422	.5156	1.0203
.3801	-.5633	.5096	1.0302
.4199	-.5804	.5047	1.0382
.4600	-.6008	.4989	1.0479
.5000	-.6363	.4888	1.0648
.5400	-.6734	.4783	1.0827
.5799	-.7150	.4664	1.1030
.6201	-.7601	.4536	1.1253
.6600	-.7434	.4584	1.1170
.7000	-.4919	.5299	.9969
.7500	-.3215	.5784	.9197
.8000	-.1740	.6203	.8544
.8500	-.0371	.6593	.7944
.9237	.0859	.6943	.7406
.9749	.1389	.7094	.7174

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1021	.9834	.1548
.0040	-.2588	.5962	.8918
.0080	-.4284	.5480	.9679
.0262	-.2423	.6009	.8845
.0500	-.1537	.6261	.8455
.1000	-.1765	.6196	.8555
.1500	-.2049	.6115	.8680
.2000	-.2439	.6005	.8852
.2500	-.2822	.5896	.9022
.3500	-.4186	.5508	.9634
.4500	-.5448	.5148	1.0215
.5500	-.3668	.5655	.9400
.6500	-.1352	.6314	.8373
.7500	.0237	.6766	.7679
.8000	.0823	.6932	.7422
.8500	.1257	.7056	.7232
.9000	.1605	.7155	.7078
.9500	.1689	.7179	.7042

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5836	.5038	1.0397
.5000	.5427	-.6289	.4909	1.0613
.5000	.3454	-.6230	.4926	1.0585
.5000	.1480	-.6342	.4894	1.0638
.5000	-.1480	-.6370	.4886	1.0651
.5000	-.5427	-.6230	.4926	1.0584
.5000	-.7401	-.6096	.4964	1.0521

PT 2.5644 ATM
 TT 219.7881 K
 RC 4.0004 MILLION
 MACH .7797
 ALPHA -.0102 DEG

CN .3717
 CM -.0662
 CC .0087

CD2 .01285
 CD3 .01103
 CD4 .00891
 CD5 .00763
 CD6 .00971

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1522	.9972	.0632
.0040	.8062	.8983	.3940
.0150	.3090	.7561	.6442
.0250	.0899	.6935	.7419
.0400	-.1935	.6124	.8666
.0600	-.3912	.5559	.9551
.0800	-.5314	.5158	1.0199
.1000	-.6442	.4836	1.0736
.1400	-.6923	.4698	1.0971
.1799	-.7571	.4513	1.1294
.2201	-.7842	.4436	1.1431
.2600	-.7972	.4399	1.1497
.3000	-.8013	.4387	1.1518
.3400	-.8086	.4366	1.1555
.3801	-.8118	.4357	1.1572
.4199	-.8177	.4340	1.1602
.4600	-.8257	.4317	1.1643
.5000	-.8438	.4265	1.1737
.5400	-.8422	.4270	1.1729
.5799	-.7631	.4496	1.1324
.6201	-.6035	.4952	1.0540
.6600	-.5062	.5231	1.0081
.7000	-.4272	.5456	.9716
.7500	-.2998	.5821	.9139
.8000	-.1571	.6229	.8505
.8500	-.0297	.6593	.7944
.9237	.0867	.6926	.7433
.9749	.1331	.7058	.7228

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1522	.9972	.0632
.0040	.1231	.7030	.7272
.0080	-.0421	.6557	.7999
.0262	-.0002	.6677	.7815
.0500	.0090	.6703	.7775
.1000	-.0626	.6499	.8089
.1500	-.0948	.6407	.8230
.2000	-.1570	.6229	.8504
.2500	-.1936	.6124	.8666
.3500	-.3466	.5687	.9349
.4500	-.4598	.5363	.9866
.5500	-.3341	.5722	.9293
.6500	-.1135	.6353	.8312
.7500	.0440	.6804	.7621
.8000	.0988	.6960	.7380
.8500	.1367	.7068	.7212
.9000	.1707	.7166	.7062
.9500	.1734	.7174	.7050

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT MLOC
.5000	.7401	-.6619	.4785 1.0822
.5000	.5427	-.7201	.4619 1.1108
.5000	.3454	-.7790	.4451 1.1404
.5000	.1480	-.8396	.4277 1.1715
.5000	-.1480	-.8481	.4253 1.1760
.5000	-.5427	-.6750	.4748 1.0886
.5000	-.7401	-.6441	.4836 1.0736

PT 2.5653 ATM
 TT 219.8313 K
 RC 4.0019 MILLION
 MACH .7802
 ALPHA 1.0285 DEG

CN .4926
 CM -.0728
 CC .0127

CD2 .02923
 CD3 .02270
 CD4 .01750
 CD5 .01313
 CD6 .01318

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1587	.9989	.0390
.0040	.6652	.8576	.4731
.0150	.1613	.7133	.7112
.0250	-.0423	.6550	.8010
.0400	-.3263	.5737	.9270
.0600	-.5181	.5188	1.0151
.0800	-.6339	.4856	1.0702
.1000	-.7579	.4501	1.1315
.1400	-.8185	.4327	1.1624
.1799	-.8874	.4130	1.1986
.2201	-.9123	.4059	1.2119
.2600	-.9262	.4019	1.2194
.3000	-.9309	.4006	1.2219
.3400	-.9402	.3979	1.2270
.3801	-.9480	.3957	1.2313
.4199	-.9606	.3921	1.2382
.4600	-.9746	.3881	1.2459
.5000	-1.0064	.3789	1.2638
.5400	-1.0155	.3763	1.2689
.5799	-.7663	.4477	1.1357
.6201	-.4741	.5314	.9946
.6600	-.3862	.5565	.9542
.7000	-.3310	.5724	.9291
.7500	-.2632	.5918	.8987
.8000	-.1998	.6099	.8705
.8500	-.1429	.6262	.8453
.9237	-.0644	.6487	.8107
.9749	-.0185	.6618	.7905

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1587	.9989	.0390
.0040	.3964	.7806	.6049
.0080	.2119	.7278	.6887
.0262	.1703	.7159	.7072
.0500	.1376	.7065	.7217
.1000	.0355	.6773	.7668
.1500	-.0085	.6647	.7861
.2000	-.0812	.6439	.8181
.2500	-.1231	.6319	.8365
.3500	-.2838	.5859	.9079
.4500	-.4099	.5498	.9650
.5500	-.3148	.5770	.9218
.6500	-.1118	.6351	.8316
.7500	.0341	.6769	.7674
.8000	.0821	.6907	.7462
.8500	.1116	.6991	.7332
.9000	.1341	.7055	.7233
.9500	.1101	.6987	.7339

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT MLOC
.5000	.7401	-.9216	.4032 1.2169
.5000	.5427	-.9684	.3898 1.2425
.5000	.3454	-1.0052	.3793 1.2630
.5000	.1480	-1.0051	.3793 1.2630
.5000	-.1480	-1.0103	.3778 1.2659
.5000	-.5427	-.9823	.3858 1.2502
.5000	-.7401	-.9403	.3979 1.2271

PT 2.5645 ATM
 TT 219.9378 K
 RC 4.0002 MILLION
 MACH .7809
 ALPHA 1.5375 DEG

CN .5165
 CM -.0692
 CC .0145

CD2 .04377
 CD3 .03515
 CD4 .02413
 CD5 .01945
 CD6 .01738

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1575	.9986	.0442
.0040	.5995	.8389	.5068
.0150	.0967	.6949	.7396
.0250	-.1001	.6386	.8263
.0400	-.3840	.5573	.9529
.0600	-.5750	.5026	1.0417
.0800	-.6799	.4726	1.0923
.1000	-.8034	.4373	1.1543
.1400	-.8669	.4191	1.1874
.1799	-.9376	.3988	1.2252
.2201	-.9622	.3918	1.2387
.2600	-.9774	.3875	1.2471
.3000	-.9822	.3861	1.2498
.3400	-.9906	.3837	1.2545
.3801	-.9993	.3812	1.2594
.4199	-1.0110	.3778	1.2659
.4600	-1.0244	.3740	1.2735
.5000	-1.0186	.3757	1.2703
.5400	-.7116	.4635	1.1080
.5799	-.4946	.5257	1.0038
.6201	-.4131	.5490	.9662
.6600	-.3729	.5605	.9479
.7000	-.3428	.5691	.9342
.7500	-.2946	.5829	.9125
.8000	-.2443	.5973	.8901
.8500	-.2010	.6097	.8708
.9237	-.1390	.6275	.8434
.9749	-.0952	.6400	.8241

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1575	.9986	.0442
.0040	.4954	.8091	.5580
.0080	.3088	.7557	.6449
.0262	.2361	.7348	.6777
.0500	.1901	.7217	.6983
.1000	.0761	.6890	.7487
.1500	.0255	.6746	.7710
.2000	-.0510	.6527	.8046
.2500	-.0951	.6400	.8240
.3500	-.2613	.5925	.8976
.4500	-.3937	.5545	.9573
.5500	-.3128	.5777	.9207
.6500	-.1178	.6335	.8340
.7500	.0204	.6731	.7732
.8000	.0648	.6858	.7537
.8500	.0914	.6934	.7420
.9000	.1072	.6979	.7350
.9500	.0713	.6877	.7508

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.9829	.3859
.5000	.5427	-1.0235	.3743
.5000	.3454	-1.0617	.3633
.5000	.1480	-1.0547	.3653
.5000	-.1480	-1.0597	.3639
.5000	-.5427	-1.0424	.3689
.5000	-.7401	-1.0063	.3792

PT 2.5646 ATM
 TT 219.9215 K
 RC 4.0014 MILLION
 MACH .7811
 ALPHA 2.0644 DEG

CN .5391
 CM -.0661
 CC .0158

CD2 .05336
 CD3 .04487
 CD4 .03093
 CD5 .02580
 CD6 .02290

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1563	.9983	.0492
.0040	.5292	.8188	.5415
.0150	.0311	.6763	.7683
.0250	-.1574	.6223	.8513
.0400	-.4424	.5408	.9794
.0600	-.6357	.4854	1.0705
.0800	-.7260	.4596	1.1149
.1000	-.8513	.4237	1.1788
.1400	-.9132	.4060	1.2117
.1799	-.9860	.3852	1.2516
.2201	-1.0094	.3785	1.2646
.2600	-1.0257	.3738	1.2739
.3000	-1.0314	.3722	1.2772
.3400	-1.0391	.3700	1.2816
.3801	-1.0490	.3671	1.2873
.4199	-1.0586	.3644	1.2928
.4600	-1.0603	.3639	1.2938
.5000	-.7198	.4614	1.1118
.5400	-.5104	.5213	1.0110
.5799	-.4511	.5383	.9834
.6201	-.4124	.5493	.9657
.6600	-.3829	.5578	.9522
.7000	-.3620	.5638	.9427
.7500	-.3224	.5751	.9248
.8000	-.2790	.5875	.9053
.8500	-.2407	.5985	.8883
.9237	-.1919	.6124	.8666
.9749	-.1511	.6241	.8485

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1563	.9983	.0492
.0040	.5861	.8351	.5134
.0080	.3944	.7802	.6055
.0262	.2959	.7521	.6506
.0500	.2382	.7355	.6766
.1000	.1130	.6997	.7323
.1500	.0560	.6834	.7574
.2000	-.0231	.6608	.7922
.2500	-.0708	.6471	.8132
.3500	-.2410	.5984	.8884
.4500	-.3788	.5590	.9503
.5500	-.3122	.5780	.9202
.6500	-.1244	.6318	.8368
.7500	.0091	.6700	.7780
.8000	.0509	.6819	.7597
.8500	.0733	.6883	.7498
.9000	.0855	.6918	.7444
.9500	.0408	.6790	.7641

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-1.0338	.3715
.5000	.5427	-1.0747	.3598
.5000	.3454	-1.1127	.3489
.5000	.1480	-.9871	.3849
.5000	-.1480	-1.0369	.3706
.5000	-.5427	-1.1020	.3520
.5000	-.7401	-1.0594	.3642

PT 2.5654 ATM
 TT 219.9282 K
 RC 4.0067 MILLION
 MACH .7827
 ALPHA 2.5419 DEG

CN .5518
 CM -.0639
 CC .0178

CD2 .06435
 CD3 .05723
 CD4 .03817
 CD5 .03188
 CD6 .02980

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1585	.9987	.0437
.0040	.4704	.8011	.5713
.0150	-.0226	.6595	.7941
.0250	-.2023	.6079	.8736
.0400	-.4864	.5264	1.0027
.0600	-.6817	.4703	1.0963
.0800	-.7665	.4460	1.1388
.1000	-.8868	.4114	1.2016
.1400	-.9434	.3952	1.2323
.1799	-1.0175	.3739	1.2737
.2201	-1.0421	.3668	1.2879
.2600	-1.0585	.3621	1.2975
.3000	-1.0658	.3600	1.3017
.3400	-1.0732	.3579	1.3061
.3801	-1.0830	.3551	1.3118
.4199	-1.0575	.3624	1.2968
.4600	-.7942	.4380	1.1530
.5000	-.5145	.5183	1.0158
.5400	-.4634	.5330	.9920
.5799	-.4410	.5394	.9816
.6201	-.4123	.5477	.9683
.6600	-.3935	.5530	.9597
.7000	-.3822	.5563	.9546
.7500	-.3554	.5640	.9424
.8000	-.3150	.5756	.9240
.8500	-.2800	.5856	.9083
.9237	-.2482	.5948	.8940
.9749	-.2000	.6086	.8725

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1585	.9987	.0437
.0040	.6584	.8551	.4777
.0080	.4675	.8003	.5727
.0262	.3477	.7659	.6287
.0500	.2804	.7465	.6593
.1000	.1467	.7082	.7192
.1500	.0837	.6901	.7471
.2000	.0022	.6667	.7831
.2500	-.0498	.6517	.8061
.3500	-.2234	.6019	.8830
.4500	-.3689	.5601	.9485
.5500	-.3129	.5762	.9231
.6500	-.1305	.6286	.8417
.7500	-.0022	.6654	.7850
.8000	.0372	.6767	.7677
.8500	.0573	.6825	.7588
.9000	.0658	.6849	.7550
.9500	.0137	.6700	.7780

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-1.0689	.3591
.5000	.5427	-1.1116	.3469
.5000	.3454	-1.1464	.3369
.5000	.1480	-.6513	.4790
.5000	-.1480	-.6884	.4684
.5000	-.5427	-1.1460	.3370
.5000	-.7401	-1.0945	.3518

PT 2.5651 ATM
 TT 219.9555 K
 RC 4.0067 MILLION
 MACH .7832
 ALPHA 3.0752 DEG

CN .5741
 CM -.0640
 CC .0191

CD2 .07444
 CD3 .06856
 CD4 .04514
 CD5 .03785
 CD6 .03787

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1588	.9988	.0415
.0040	.3975	.7803	.6054
.0150	-.0911	.6401	.8239
.0250	-.2538	.5934	.8962
.0400	-.5434	.5103	1.0291
.0600	-.7367	.4548	1.1232
.0800	-.8207	.4307	1.1662
.1000	-.9337	.3983	1.2263
.1400	-.9855	.3834	1.2550
.1799	-1.0600	.3620	1.2977
.2201	-1.0843	.3550	1.3120
.2600	-1.1012	.3502	1.3220
.3000	-1.1077	.3483	1.3259
.3400	-1.1172	.3456	1.3316
.3801	-1.0986	.3509	1.3204
.4199	-.8056	.4350	1.1583
.4600	-.5769	.5006	1.0450
.5000	-.4056	.5240	1.0066
.5400	-.4713	.5310	.9952
.5799	-.4566	.5352	.9884
.6201	-.4316	.5423	.9769
.6600	-.4145	.5473	.9690
.7000	-.4063	.5496	.9652
.7500	-.3651	.5557	.9555
.8000	-.3512	.5654	.9401
.8500	-.3216	.5739	.9267
.9237	-.2876	.5837	.9113
.9749	-.2393	.5975	.8897

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1588	.9988	.0415
.0040	.7336	.8768	.4370
.0080	.5408	.8214	.5371
.0262	.4021	.7816	.6033
.0500	.3219	.7586	.6403
.1000	.1815	.7183	.7035
.1500	.1133	.6987	.7338
.2000	.0295	.6747	.7708
.2500	-.0309	.6574	.7974
.3500	-.2007	.6086	.8725
.4500	-.3519	.5652	.9404
.5500	-.3095	.5774	.9212
.6500	-.1327	.6281	.8423
.7500	-.0066	.6643	.7867
.8000	.0307	.6750	.7703
.8500	.0458	.6794	.7636
.9000	.0522	.6812	.7608
.9500	-.0048	.6648	.7859

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-1.1141	.3465
.5000	.5427	-1.1554	.3346
.5000	.3454	-1.1044	.3493
.5000	.1480	-.5607	.5053
.5000	-.1480	-.5728	.5018
.5000	-.5427	-1.2005	.3217
.5000	-.7401	-1.1348	.3405

PT 2.5656 ATM
 TT 219.9537 K
 RC 4.0054 MILLION
 MACH .7823
 ALPHA 3.5740 DEG

CN .6035
 CM -.0651
 CC .0197

CD2 .08175
 CD3 .08100
 CD4 .05329
 CD5 .04243
 CD6 .04540

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1555	.9981	.0522
.0040	.3216	.7595	.6388
.0150	-.1618	.6212	.8530
.0250	-.3130	.5780	.9203
.0400	-.6045	.4946	1.0551
.0600	-.7959	.4398	1.1497
.0800	-.8783	.4163	1.1926
.1000	-.9868	.3852	1.2515
.1400	-1.0352	.3714	1.2788
.1799	-1.1061	.3511	1.3201
.2201	-1.1294	.3444	1.3341
.2600	-1.1460	.3397	1.3442
.3000	-1.1515	.3381	1.3475
.3400	-1.1545	.3372	1.3494
.3801	-.9350	.4000	1.2230
.4199	-.6390	.4847	1.0717
.4600	-.5503	.5101	1.0293
.5000	-.5098	.5217	1.0103
.5400	-.4915	.5269	1.0018
.5799	-.4737	.5320	.9935
.6201	-.4502	.5387	.9827
.6600	-.4280	.5422	.9771
.7000	-.4342	.5433	.9753
.7500	-.4063	.5513	.9625
.8000	-.3755	.5601	.9485
.8500	-.3561	.5656	.9397
.9237	-.3169	.5769	.9220
.9749	-.2647	.5918	.8987

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1555	.9981	.0522
.0040	.7987	.8960	.3987
.0080	.6097	.8419	.5014
.0262	.4541	.7974	.5774
.0500	.3641	.7717	.6193
.1000	.2169	.7296	.6860
.1500	.1427	.7084	.7189
.2000	.0570	.6838	.7567
.2500	-.0077	.6653	.7852
.3500	-.1782	.6166	.8602
.4500	-.3303	.5730	.9281
.5500	-.2980	.5823	.9135
.6500	-.1301	.6303	.8390
.7500	-.0107	.6645	.7865
.8000	.0242	.6745	.7711
.8500	.0401	.6790	.7642
.9000	.0431	.6798	.7629
.9500	-.0186	.6622	.7900

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.1579	.3362	1.3515
.5000	.5427	-1.1976	.3249	1.3762
.5000	.3454	-.9545	.3945	1.2336
.5000	.1480	-.5673	.5052	1.0374
.5000	-.1480	-.5531	.5093	1.0307
.5000	-.5427	-1.2502	.3099	1.4100
.5000	-.7401	-1.1697	.3329	1.3587

PT 2.5646 ATM
 TT 219.9670 K
 RC 3.9982 MILLION
 MACH .7805
 ALPHA 4.0120 DEG

CN .6297
 CM -.0680
 CC .0206

CD2 .08893
 CD3 .09206
 CD4 .06039
 CD5 .04554
 CD6 .05214

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1508	.9970	.0660
.0040	.2513	.7402	.6693
.0150	-.2274	.6036	.8803
.0250	-.3651	.5643	.9418
.0400	-.6591	.4804	1.0790
.0600	-.8481	.4265	1.1738
.0800	-.9285	.4035	1.2164
.1000	-1.0349	.3732	1.2752
.1400	-1.0799	.3603	1.3011
.1799	-1.1482	.3408	1.3417
.2201	-1.1716	.3341	1.3560
.2600	-1.1866	.3299	1.3653
.3000	-1.1861	.3300	1.3650
.3400	-1.0863	.3585	1.3049
.3801	-.7145	.4646	1.1062
.4199	-.5918	.4996	1.0467
.4600	-.5502	.5115	1.0270
.5000	-.5191	.5204	1.0125
.5400	-.5067	.5239	1.0067
.5799	-.4907	.5285	.9993
.6201	-.4687	.5347	.9891
.6600	-.4602	.5372	.9852
.7000	-.4604	.5371	.9853
.7500	-.4351	.5443	.9737
.8000	-.4115	.5511	.9629
.8500	-.3931	.5563	.9545
.9237	-.3510	.5683	.9355
.9749	-.2910	.5855	.9086

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1508	.9970	.0660
.0040	.8512	.9114	.3660
.0080	.6639	.8580	.4724
.0262	.4957	.8100	.5565
.0500	.3980	.7821	.6025
.1000	.2452	.7385	.6720
.1500	.1658	.7158	.7073
.2000	.0801	.6914	.7451
.2500	.0147	.6727	.7738
.3500	-.1584	.6233	.8498
.4500	-.3112	.5797	.9176
.5500	-.2879	.5863	.9072
.6500	-.1280	.6320	.8364
.7500	-.0119	.6651	.7855
.8000	.0211	.6745	.7710
.8500	.0348	.6784	.7650
.9000	.0354	.6786	.7647
.9500	-.0300	.6599	.7934

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.1726	.3338	1.3567
.5000	.5427	-1.2328	.3167	1.3945
.5000	.3454	-.9382	.4007	1.2216
.5000	.1480	-.5907	.4999	1.0462
.5000	-.1480	-.5738	.5047	1.0382
.5000	-.5427	-1.2854	.3016	1.4289
.5000	-.7401	-1.2024	.3253	1.3752

PT 2.5548 ATM
 TT 219.8522 K
 RC 4.0169 MILLION
 MACH .7919
 ALPHA -.9979 DEG

CN .2096
 CM -.0678
 CC .0124

CD2 .01518
 CD3 .01319
 CD4 .01078
 CD5 .00992
 CD6 .01276

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1060	.9826	.1585
.0040	.9545	.9386	.3018
.0150	.4867	.8029	.5684
.0250	.2621	.7377	.6732
.0400	-.0149	.6574	.7974
.0600	-.2195	.5980	.8890
.0800	-.3679	.5550	.9567
.1000	-.4628	.5274	1.0010
.1400	-.5179	.5114	1.0271
.1799	-.6024	.4869	1.0680
.2201	-.6162	.4829	1.0748
.2600	-.6138	.4836	1.0736
.3000	-.6070	.4856	1.0703
.3400	-.5836	.4924	1.0588
.3801	-.5597	.4993	1.0472
.4199	-.5462	.5032	1.0407
.4600	-.5734	.4953	1.0539
.5000	-.6254	.4802	1.0793
.5400	-.6741	.4661	1.1036
.5799	-.7236	.4517	1.1286
.6201	-.7838	.4343	1.1597
.6600	-.8373	.4188	1.1880
.7000	-.8388	.5054	1.0371
.7500	-.2834	.5794	.9180
.8000	-.1433	.6201	.8547
.8500	-.0359	.6513	.8068
.9237	.0653	.6806	.7617
.9749	.1123	.6943	.7407

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1060	.9826	.1585
.0040	-.2641	.5851	.9092
.0080	-.4456	.5324	.9929
.0262	-.2551	.5877	.9051
.0500	-.1595	.6154	.8620
.1000	-.1817	.6090	.8720
.1500	-.2125	.6000	.8859
.2000	-.2458	.5904	.9009
.2500	-.2918	.5770	.9218
.3500	-.4342	.5357	.9875
.4500	-.6095	.4848	1.0715
.5500	-.3717	.5538	.9585
.6500	-.1378	.6217	.8523
.7500	.0225	.6682	.7807
.8000	.0808	.6851	.7548
.8500	.1211	.6968	.7368
.9000	.1548	.7066	.7217
.9500	.1596	.7080	.7195

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5999	.4876
.5000	.5427	-.6331	.4780
.5000	.3454	-.6221	.4812
.5000	.1480	-.6273	.4797
.5000	-.1480	-.6252	.4803
.5000	-.5427	-.6210	.4815
.5000	-.7401	-.6228	.4810

PT 2.5549 ATM
 TT 219.8628 K
 RC 4.0184 MILLION
 MACH .7925
 ALPHA .0102 DEG

CN .3674
 CM -.0726
 CC .0130

CD2 .01862
 CD3 .01442
 CD4 .01117
 CD5 .00894
 CD6 .01164

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1530	.9958	.0778
.0040	.8329	.9025	.3852
.0150	.3423	.7595	.6389
.0250	.1228	.6955	.7388
.0400	-.1561	.6142	.8639
.0600	-.3543	.5564	.9544
.0800	-.4946	.5155	1.0204
.1000	-.6071	.4827	1.0751
.1400	-.6593	.4675	1.1012
.1799	-.7256	.4482	1.1349
.2201	-.7551	.4396	1.1502
.2600	-.7728	.4344	1.1595
.3000	-.7815	.4319	1.1641
.3400	-.7930	.4285	1.1701
.3801	-.8026	.4257	1.1752
.4199	-.8155	.4220	1.1821
.4600	-.8310	.4174	1.1904
.5000	-.8604	.4089	1.2063
.5400	-.8888	.4006	1.2219
.5799	-.9279	.3892	1.2437
.6201	-.8904	.4001	1.2228
.6600	-.4872	.5177	1.0169
.7000	-.3435	.5595	.9494
.7500	-.2355	.5910	.8999
.8000	-.1421	.6182	.8576
.8500	-.0696	.6394	.8250
.9237	.0147	.6640	.7873
.9749	.0627	.6779	.7658

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1530	.9958	.0778
.0040	.0943	.6872	.7516
.0080	-.0739	.6381	.8269
.0262	-.0153	.6552	.8007
.0500	.0005	.6598	.7936
.1000	-.0715	.6388	.8259
.1500	-.1045	.6292	.8407
.2000	-.1576	.6137	.8646
.2500	-.2046	.6000	.8858
.3500	-.3620	.5541	.9580
.4500	-.5041	.5127	1.0250
.5500	-.3500	.5576	.9524
.6500	-.1221	.6241	.8486
.7500	.0333	.6694	.7789
.8000	.0873	.6851	.7548
.8500	.1242	.6959	.7382
.9000	.1533	.7044	.7251
.9500	.1440	.7016	.7293

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.7449	.4425
.5000	.5427	-.7981	.4270
.5000	.3454	-.8367	.4158
.5000	.1480	-.8564	.4100
.5000	-.1480	-.8629	.4081
.5000	-.5427	-.7881	.4299
.5000	-.7401	-.7591	.4384

PT 2.5549 ATM
 TT 219.9475 K
 RC 4.0155 MILLION
 MACH .7922
 ALPHA 1.0285 DEG

CN .4467
 CM -.0696
 CC .0171

CD2 .04123
 CD3 .03055
 CD4 .02080
 CD5 .01600
 CD6 .01599

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1643	.9992	.0336	0.0000	1.1643	.9992	.0336	.5000	.7401	-.9069	.3965	1.2296
.0040	.7057	.8658	.4579	.0040	.3568	.7643	.6313	.5000	.5427	-.9509	.3837	1.2543
.0150	.2068	.7206	.6999	.0080	.1759	.7116	.7139	.5000	.3454	-.9802	.3752	1.2711
.0250	.0018	.6610	.7919	.0262	.1465	.7031	.7271	.5000	.1480	-.9776	.3760	1.2697
.0400	-.2802	.5789	.9189	.0500	.1220	.6959	.7381	.5000	-.1480	-.9819	.3747	1.2721
.0600	-.4723	.5230	1.0082	.1000	.0225	.6670	.7826	.5000	-.5427	-.9563	.3822	1.2574
.0800	-.5923	.4881	1.0660	.1500	-.0214	.6542	.8023	.5000	-.7401	-.9228	.3919	1.2385
.1000	-.7137	.4528	1.1268	.2000	-.0916	.6338	.8336					
.1400	-.7754	.4348	1.1588	.2500	-.1374	.6204	.8542					
.1799	-.8451	.4145	1.1958	.3500	-.3050	.5717	.9302					
.2201	-.8722	.4066	1.2105	.4500	-.4494	.5297	.9973					
.2600	-.8875	.4022	1.2189	.5500	-.3426	.5607	.9475					
.3000	-.8932	.4005	1.2220	.6500	-.1290	.6229	.8504					
.3400	-.9060	.3968	1.2291	.7500	.0169	.6653	.7851					
.3801	-.9153	.3941	1.2343	.8000	.0638	.6790	.7642					
.4199	-.9294	.3900	1.2422	.8500	.0903	.6867	.7523					
.4600	-.9443	.3857	1.2506	.9000	.1075	.6917	.7446					
.5000	-.9764	.3763	1.2690	.9500	.0728	.6816	.7601					
.5400	-.8917	.4010	1.2212									
.5799	-.5614	.4971	1.0509									
.6201	-.3904	.5468	.9697									
.6600	-.3451	.5600	.9487									
.7000	-.3180	.5679	.9362									
.7500	-.2831	.5780	.9202									
.8000	-.2395	.5907	.9003									
.8500	-.1552	.6036	.8802									
.9237	-.1384	.6202	.8547									
.9749	-.0984	.6318	.8367									

PT 2.5538 ATM
 TT 219.9531 K
 RC 4.0105 MILLION
 MACH .7910
 ALPHA 1.5274 DEG

CN .4732
 CM -.0670
 CC .0188

CD2 .05093
 CD3 .04151
 CD4 .02675
 CD5 .02179
 CD6 .02025

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1640	.9991	.0352	0.0000	1.1640	.9991	.0352	.5000	.7401	-.9562	.3821	1.2575
.0040	.6440	.8478	.4909	.0040	.4603	.7943	.5825	.5000	.5427	-.9949	.3709	1.2798
.0150	.1460	.7029	.7274	.0080	.2760	.7407	.6685	.5000	.3454	-1.0266	.3616	1.2984
.0250	-.0528	.6450	.8164	.0262	.2179	.7238	.6950	.5000	.1480	-1.0166	.3645	1.2925
.0400	-.3340	.5632	.9436	.0500	.1774	.7120	.7132	.5000	-.1480	-1.0246	.3622	1.2972
.0600	-.5258	.5074	1.0338	.1000	.0653	.6794	.7635	.5000	-.5427	-1.0119	.3659	1.2897
.0800	-.6337	.4760	1.0866	.1500	.0154	.6649	.7858	.5000	-.7401	-.9806	.3750	1.2715
.1000	-.7562	.4403	1.1488	.2000	-.0615	.6425	.8202					
.1400	-.8204	.4216	1.1826	.2500	-.1067	.6293	.8405					
.1799	-.8920	.4008	1.2215	.3500	-.2798	.5790	.9187					
.2201	-.9176	.3934	1.2357	.4500	-.4316	.5348	.9891					
.2600	-.9347	.3884	1.2453	.5500	-.3372	.5623	.9451					
.3000	-.9414	.3864	1.2491	.6500	-.1313	.6222	.8515					
.3400	-.9517	.3834	1.2549	.7500	.0078	.6627	.7892					
.3801	-.9621	.3804	1.2609	.8000	.0513	.6753	.7698					
.4199	-.9752	.3766	1.2683	.8500	.0771	.6828	.7583					
.4600	-.9903	.3722	1.2771	.9000	.0895	.6864	.7527					
.5000	-.9025	.3978	1.2273	.9500	.0450	.6735	.7726					
.5400	-.5579	.4980	1.0493									
.5799	-.4281	.5358	.9874									
.6201	-.3801	.5498	.9650									
.6600	-.3552	.5570	.9534									
.7000	-.3398	.5615	.9463									
.7500	-.3139	.5690	.9344									
.8000	-.2740	.5807	.9161									
.8500	-.2400	.5905	.9006									
.9237	-.1928	.6043	.8792									
.9749	-.1501	.6167	.8600									

PT 2.5555 ATM
 TT 219.9390 K
 RC 4.0208 MILLION
 MACH .7937
 ALPHA 2.0621 DEG

CN .4901
 CM -.0628
 CC .0200

CD2 .05893
 CD3 .05303
 CD4 .03492
 CD5 .02826
 CD6 .02808

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1619	.9984	.0471
.0040	.5801	.8290	.5241
.0150	.0842	.6845	.7556
.0250	-.1066	.6290	.8411
.0400	-.3887	.5468	.9697
.0600	-.5800	.4911	1.0610
.0800	-.6762	.4631	1.1088
.1000	-.7991	.4273	1.1724
.1400	-.8623	.4089	1.2063
.1799	-.9370	.3871	1.2478
.2201	-.9622	.3798	1.2621
.2600	-.9793	.3748	1.2719
.3000	-.9874	.3724	1.2767
.3400	-.9971	.3696	1.2823
.3801	-1.0079	.3665	1.2886
.4199	-1.0201	.3629	1.2958
.4600	-1.0072	.3667	1.2882
.5000	-.5868	.4891	1.0643
.5400	-.4470	.5298	.9971
.5799	-.4095	.5408	.9794
.6201	-.3784	.5498	.9649
.6600	-.3621	.5545	.9573
.7000	-.3560	.5563	.9545
.7500	-.3354	.5623	.9450
.8000	-.3010	.5724	.9291
.8500	-.2736	.5803	.9166
.9237	-.2399	.5901	.9013
.9749	-.2006	.6016	.8834

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1619	.9984	.0471
.0040	.5460	.8191	.5411
.0080	.3564	.7638	.6319
.0262	.2720	.7393	.6708
.0500	.2179	.7235	.6954
.1000	.0972	.6883	.7498
.1500	.0411	.6720	.7749
.2000	-.0382	.6489	.8104
.2500	-.0873	.6346	.8324
.3500	-.2639	.5832	.9122
.4500	-.4243	.5364	.9864
.5500	-.3454	.5394	.9496
.6500	-.1437	.6182	.8577
.7500	-.0073	.6579	.7966
.8000	.0338	.6699	.7782
.8500	.0552	.6761	.7686
.9000	.0642	.6787	.7646
.9500	.0137	.6640	.7872

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-1.0028	.3680
.5000	.5427	-1.0442	.3559
.5000	.3454	-1.0758	.3467
.5000	.1480	-.8687	.4070
.5000	-.1480	-.9420	.3857
.5000	-.5427	-1.0672	.3492
.5000	-.7401	-1.0299	.3601

MLOC 1.2856
 1.3102
 1.3293
 1.2098
 1.2506
 1.3240
 1.3016

PT 2.5551 ATM
 TT 219.9165 K
 RC 4.0170 MILLION
 MACH .7924
 ALPHA 2.5559 DEG

CN .5169
 CM -.0615
 CC .0207

CD2 .06771
 CD3 .06205
 CD4 .04092
 CD5 .03344
 CD6 .03388

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1626	.9987	.0433
.0040	.5118	.8093	.5577
.0150	.0187	.6657	.7846
.0250	-.1626	.6129	.8658
.0400	-.4446	.5308	.9954
.0600	-.6378	.4746	1.0889
.0800	-.7246	.4494	1.1328
.1000	-.8453	.4142	1.1964
.1400	-.9047	.3969	1.2289
.1799	-.9794	.3752	1.2712
.2201	-1.0043	.3679	1.2857
.2600	-1.0219	.3628	1.2961
.3000	-1.0301	.3604	1.3009
.3400	-1.0397	.3578	1.3063
.3801	-1.0498	.3547	1.3127
.4199	-1.0291	.3607	1.3003
.4600	-.7497	.4420	1.1458
.5000	-.4611	.5202	1.0127
.5400	-.4350	.5336	.9909
.5799	-.4172	.5388	.9825
.6201	-.3910	.5465	.9703
.6600	-.3772	.5505	.9639
.7000	-.3732	.5516	.9620
.7500	-.3579	.5561	.9549
.8000	-.3248	.5657	.9396
.8500	-.2957	.5742	.9262
.9237	-.2731	.5808	.9159
.9749	-.2300	.5933	.8963

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1626	.9987	.0433
.0040	.6309	.8439	.4979
.0080	.4409	.7886	.5919
.0262	.3283	.7558	.6447
.0500	.2667	.7379	.6729
.1000	.1358	.6998	.7322
.1500	.0735	.6817	.7601
.2000	-.0084	.6578	.7967
.2500	-.0606	.6426	.8200
.3500	-.2394	.5906	.9006
.4500	-.4014	.5434	.9751
.5500	-.3385	.5617	.9459
.6500	-.1445	.6182	.8577
.7500	-.0122	.6567	.7984
.8000	.0272	.6682	.7808
.8500	.0456	.6735	.7725
.9000	.0531	.6757	.7692
.9500	-.0029	.6594	.7942

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-1.0414	.3571
.5000	.5427	-1.0888	.3433
.5000	.3454	-1.1157	.3355
.5000	.1480	-.6067	.4837
.5000	-.1480	-.6495	.4712
.5000	-.5427	-1.1174	.3350
.5000	-.7401	-1.0710	.3485

MLOC 1.3076
 1.3364
 1.3531
 1.0735
 1.0948
 1.3541
 1.3255

PT	2.5551	ATM	CN	.5437	
TT	219.9428	K	CM	-.0613	CD2 .07597
RC	4.0138	MILLION	CC	.0214	CD3 .07199
MACH	.7914				CD4 .04729
ALPHA	3.0800	DEG			CD5 .03888
					CD6 .04147

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1631	.9990	.0374	0.0000	1.1631	.9990	.0374	.5000	.7401	-1.0878	.3452	1.3325
.0040	.4353	.7876	.5935	.0040	.7083	.8669	.4558	.5000	.5427	-1.1327	.3321	1.3603
.0150	-.0515	.6462	.8145	.0080	.5185	.8118	.5535	.5000	.3454	-1.0949	.3431	1.3368
.0250	-.2174	.5980	.8890	.0262	.3859	.7733	.6168	.5000	.1480	-.5422	.5037	1.0400
.0400	-.5051	.5144	1.0222	.0500	.3106	.7514	.6517	.5000	-.1480	-.5538	.5003	1.0456
.0600	-.6993	.4580	1.1176	.1000	.1716	.7110	.7148	.5000	-.5427	-1.1728	.3205	1.3860
.0800	-.7830	.4337	1.1607	.1500	.1039	.6914	.7452	.5000	-.7401	-1.1127	.3380	1.3478
.1000	-.8969	.4006	1.2218	.2000	.0197	.6669	.7827					
.1400	-.9506	.3850	1.2518	.2500	-.0391	.6498	.8090					
.1799	-1.0253	.3633	1.2950	.3500	-.2158	.5985	.8883					
.2201	-1.0496	.3563	1.3094	.4500	-.3783	.5513	.9626					
.2600	-1.0679	.3510	1.3204	.5500	-.3305	.5652	.9405					
.3000	-1.0753	.3488	1.3249	.6500	-.1454	.6189	.8565					
.3400	-1.0849	.3460	1.3307	.7500	-.0176	.6561	.7994					
.3801	-1.0764	.3485	1.3255	.8000	.0200	.6670	.7826					
.4199	-.7982	.4293	1.1687	.8500	.0366	.6718	.7752					
.4600	-.5573	.4993	1.0473	.9000	.0421	.6734	.7728					
.5000	-.4745	.5233	1.0076	.9500	-.0173	.6561	.7993					
.5400	-.4506	.5303	.9963									
.5799	-.4370	.5342	.9899									
.6201	-.4150	.5406	.9796									
.6600	-.4005	.5448	.9729									
.7000	-.3966	.5460	.9711									
.7500	-.3842	.5496	.9653									
.8000	-.3525	.5588	.9506									
.8500	-.3260	.5665	.9384									
.9237	-.3040	.5729	.9283									
.9749	-.2562	.5867	.9066									

PT	2.5548	ATM	CN	.5692	
TT	220.0838	K	CM	-.0632	CD2 .08366
RC	4.0093	MILLION	CC	.0225	CD3 .08148
MACH	.7912				CD4 .05228
ALPHA	3.5233	DEG			CD5 .04432
					CD6 .04890

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1630	.9992	.0343	0.0000	1.1630	.9992	.0343	.5000	.7401	-1.1250	.3359	1.3522
.0040	.3762	.7711	.6203	.0040	.7663	.8842	.4226	.5000	.5427	-1.1685	.3233	1.3797
.0150	-.1056	.6314	.8373	.0080	.5765	.8291	.5238	.5000	.3454	-.9646	.3824	1.2569
.0250	-.2629	.5858	.9080	.0262	.4315	.7871	.5943	.5000	.1480	-.5431	.5046	1.0384
.0400	-.5525	.5019	1.0429	.0500	.3474	.7628	.6336	.5000	-.1480	-.5528	.5018	1.0431
.0600	-.7462	.4457	1.1392	.1000	.2012	.7204	.7003	.5000	-.5427	-1.2152	.3098	1.4101
.0800	-.8285	.4219	1.1822	.1500	.1291	.6995	.7326	.5000	-.7401	-1.1421	.3310	1.3629
.1000	-.9388	.3899	1.2424	.2000	.0425	.6744	.7713					
.1400	-.9898	.3751	1.2713	.2500	-.0207	.6560	.7994					
.1799	-1.0619	.3542	1.3136	.3500	-.1981	.6046	.8787					
.2201	-1.0866	.3471	1.3285	.4500	-.3618	.5572	.9532					
.2600	-1.1047	.3418	1.3396	.5500	-.3240	.5681	.9358					
.3000	-1.1122	.3396	1.3442	.6500	-.1453	.6199	.8550					
.3400	-1.1199	.3374	1.3490	.7500	-.0223	.6556	.8001					
.3801	-.9618	.3832	1.2553	.8000	.0136	.6660	.7841					
.4199	-.6283	.4799	1.0799	.8500	.0308	.6710	.7765					
.4600	-.5314	.5080	1.0328	.9000	.0341	.6719	.7750					
.5000	-.4880	.5206	1.0121	.9500	-.0290	.6536	.8031					
.5400	-.4687	.5262	1.0030									
.5799	-.4587	.5291	.9983									
.6201	-.4373	.5353	.9883									
.6600	-.4268	.5383	.9833									
.7000	-.4249	.5389	.9824									
.7500	-.4125	.5425	.9767									
.8000	-.3811	.5516	.9621									
.8500	-.3579	.5583	.9514									
.9237	-.3333	.5654	.9401									
.9749	-.2801	.5808	.9158									

PT 2.5338 ATM
 TT 219.9663 K
 RC 4.0048 MILLION
 MACH .8009
 ALPHA -.8961 DEG

CN .2191
 CM -.0676
 CC .0135

CD2 .01741
 CD3 .01410
 CD4 .01135
 CD5 .01053
 CD6 .01405

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1156	.9834	.1548
.0040	.9578	.9367	.3067
.0150	.4925	.7991	.5747
.0250	.2649	.7333	.6802
.0400	-.0051	.6519	.8058
.0600	-.2088	.5917	.8989
.0800	-.3567	.5479	.9679
.1000	-.4540	.5192	1.0145
.1400	-.5098	.5026	1.0417
.1799	-.5953	.4774	1.0842
.2201	-.6212	.4697	1.0974
.2600	-.6320	.4665	1.1029
.3000	-.6364	.4652	1.1051
.3400	-.6402	.4641	1.1071
.3801	-.6482	.4617	1.1112
.4199	-.6580	.4588	1.1162
.4600	-.6689	.4556	1.1219
.5000	-.6897	.4494	1.1326
.5400	-.7019	.4458	1.1390
.5799	-.7222	.4398	1.1497
.6201	-.7620	.4281	1.1709
.6600	-.8000	.4168	1.1915
.7000	-.4733	.5134	1.0238
.7500	-.2450	.5810	.9156
.8000	-.1207	.6177	.8584
.8500	-.0426	.6408	.8228
.9237	.0319	.6629	.7890
.9749	.0735	.6751	.7701

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1156	.9834	.1548
.0040	-.2351	.5839	.9110
.0080	-.4189	.5295	.9975
.0262	-.2389	.5828	.9128
.0500	-.1452	.6105	.8696
.1000	-.1730	.6022	.8824
.1500	-.2062	.5924	.8977
.2000	-.2443	.5812	.9153
.2500	-.2883	.5682	.9358
.3500	-.4355	.5246	1.0055
.4500	-.6336	.4660	1.1037
.5500	-.3972	.5359	.9872
.6500	-.1353	.6134	.8651
.7500	.0203	.6594	.7942
.8000	.0775	.6764	.7682
.8500	.1155	.6876	.7510
.9000	.1466	.6968	.7368
.9500	.1434	.6958	.7383

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.6219	.4695
.5000	.5427	-.6429	.4633
.5000	.3454	-.6359	.4654
.5000	.1480	-.6748	.4538
.5000	-.1480	-.6881	.4499
.5000	-.5427	-.6308	.4669
.5000	-.7401	-.6407	.4639

PT 2.5341 ATM
 TT 219.9529 K
 RC 4.0034 MILLION
 MACH .8001
 ALPHA .0102 DEG

CN .3397
 CM -.0698
 CC .0159

CD2 .02855
 CD3 .01989
 CD4 .01316
 CD5 .01053
 CD6 .01359

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1538	.9951	.0841
.0040	.8487	.9052	.3795
.0150	.3631	.7622	.6346
.0250	.1427	.6973	.7361
.0400	-.1348	.6155	.8618
.0600	-.3340	.5569	.9537
.0800	-.4750	.5153	1.0208
.1000	-.5868	.4824	1.0757
.1400	-.6401	.4667	1.1026
.1799	-.7072	.4469	1.1371
.2201	-.7386	.4377	1.1536
.2600	-.7586	.4318	1.1642
.3000	-.7693	.4286	1.1699
.3400	-.7814	.4251	1.1763
.3801	-.7939	.4214	1.1831
.4199	-.8090	.4169	1.1913
.4600	-.8263	.4118	1.2008
.5000	-.8569	.4028	1.2177
.5400	-.8871	.3939	1.2346
.5799	-.9291	.3816	1.2586
.6201	-.6515	.4633	1.1084
.6600	-.3764	.5444	.9736
.7000	-.3033	.5659	.9393
.7500	-.2438	.5834	.9118
.8000	-.1806	.6020	.8827
.8500	-.1203	.6198	.8552
.9237	-.0669	.6355	.8310
.9749	-.0094	.6524	.8050

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1538	.9951	.0841
.0040	.0727	.6766	.7678
.0080	-.0939	.6276	.8432
.0262	-.0269	.6473	.8129
.0500	-.0042	.6540	.8026
.1000	-.0794	.6318	.8367
.1500	-.1117	.6223	.8513
.2000	-.1744	.6038	.8799
.2500	-.2131	.5925	.8976
.3500	-.3781	.5439	.9744
.4500	-.5520	.4926	1.0584
.5500	-.3624	.5485	.9670
.6500	-.1342	.6157	.8615
.7500	.0162	.6600	.7934
.8000	.0682	.6753	.7698
.8500	.1055	.6863	.7529
.9000	.1277	.6928	.7429
.9500	.1062	.6865	.7526

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.7587	.4318
.5000	.5427	-.8047	.4182
.5000	.3454	-.8405	.4077
.5000	.1480	-.8537	.4038
.5000	-.1480	-.8611	.4016
.5000	-.5427	-.8024	.4189
.5000	-.7401	-.7781	.4260

PT 2.5339 ATM
 TT 219.9863 K
 RC 4.0050 MILLION
 MACH .8011
 ALPHA 1.0081 DEG

CN .4052
 CM -.0662
 CC .0199

CD2 .04450
 CD3 .03592
 CD4 .02315
 CD5 .01839
 CD6 .01963

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1684	.9993	.0323	0.0000	1.1684	.9993	.0323	.5000	.7401	-.8860	.3936	1.2352
.0040	.7405	.8731	.4441	.0040	.3176	.7485	.6563	.5000	.5427	-.9276	.3814	1.2590
.0150	.2462	.7274	.6893	.0080	.1418	.6966	.7370	.5000	.3454	-.9537	.3737	1.2742
.0250	.0400	.6666	.7832	.0262	.1252	.6917	.7446	.5000	.1480	-.9511	.3744	1.2727
.0400	-.2398	.5841	.9107	.0500	.1041	.6855	.7542	.5000	-.1480	-.9555	.3731	1.2753
.0600	-.4323	.5274	1.0011	.1000	.0083	.6573	.7975	.5000	-.5427	-.9360	.3789	1.2639
.0800	-.5562	.4909	1.0614	.1500	-.0351	.6445	.8172	.5000	-.7401	-.9062	.3877	1.2467
.1000	-.6749	.4558	1.1214	.2000	-.1078	.6231	.8502					
.1400	-.7371	.4375	1.1539	.2500	-.1520	.6100	.8703					
.1799	-.8072	.4169	1.1915	.3500	-.3255	.5589	.9505					
.2201	-.8359	.4084	1.2072	.4500	-.5055	.5058	1.0365					
.2600	-.8532	.4033	1.2168	.5500	-.3656	.5471	.9693					
.3000	-.8602	.4012	1.2207	.6500	-.1420	.6129	.8658					
.3400	-.8747	.3970	1.2288	.7500	.0057	.6565	.7987					
.3801	-.8853	.3938	1.2348	.8000	.0515	.6700	.7780					
.4199	-.9005	.3894	1.2434	.8500	.0762	.6773	.7668					
.4600	-.9179	.3842	1.2534	.9000	.0908	.6816	.7602					
.5000	-.9483	.3753	1.2710	.9500	.0494	.6694	.7789					
.5400	-.7778	.4255	1.1755									
.5799	-.4847	.5119	1.0263									
.6201	-.3584	.5492	.9659									
.6600	-.3253	.5589	.9504									
.7000	-.3100	.5634	.9432									
.7500	-.2858	.5706	.9320									
.8000	-.2518	.5806	.9162									
.8500	-.2225	.5892	.9027									
.9237	-.1758	.6030	.8812									
.9749	-.1439	.6124	.8667									

PT 2.5347 ATM
 TT 220.0478 K
 RC 4.0072 MILLION
 MACH .8021
 ALPHA 1.5071 DEG

CN .4337
 CM -.0639
 CC .0212

CD2 .05294
 CD3 .04468
 CD4 .02893
 CD5 .02488
 CD6 .02619

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1672	.9989	.0394	0.0000	1.1672	.9989	.0394	.5000	.7401	-.9358	.3788	1.2639
.0040	.6797	.8552	.4776	.0040	.4188	.7782	.6088	.5000	.5427	-.9722	.3681	1.2853
.0150	.1845	.7092	.7176	.0080	.2347	.7240	.6947	.5000	.3454	-1.0031	.3590	1.3038
.0250	-.0153	.6503	.8083	.0262	.1889	.7105	.7156	.5000	.1480	-.9905	.3627	1.2962
.0400	-.2955	.5676	.9366	.0500	.1542	.7002	.7315	.5000	-.1480	-.9995	.3601	1.3016
.0600	-.4858	.5115	1.0270	.1000	.0464	.6684	.7804	.5000	-.5427	-.9875	.3636	1.2944
.0800	-.5991	.4781	1.0829	.1500	-.0027	.6540	.8026	.5000	-.7401	-.9593	.3719	1.2777
.1000	-.7192	.4427	1.1446	.2000	-.0789	.6315	.8372					
.1400	-.7844	.4235	1.1793	.2500	-.1258	.6177	.8585					
.1799	-.8568	.4021	1.2190	.3500	-.3033	.5653	.9402					
.2201	-.8834	.3943	1.2339	.4500	-.4817	.5127	1.0250					
.2600	-.9016	.3889	1.2443	.5500	-.3667	.5467	.9700					
.3000	-.9092	.3867	1.2486	.6500	-.1485	.6110	.8688					
.3400	-.9216	.3830	1.2557	.7500	-.0055	.6532	.8039					
.3801	-.9334	.3796	1.2625	.8000	.0378	.6659	.7843					
.4199	-.9471	.3755	1.2705	.8500	.0614	.6729	.7736					
.4600	-.9632	.3708	1.2800	.9000	.0722	.6761	.7687					
.5000	-.8712	.3979	1.2271	.9500	.0245	.6620	.7903					
.5400	-.5152	.5029	1.0413									
.5799	-.4052	.5353	.9882									
.6201	-.3615	.5482	.9675									
.6600	-.3404	.5544	.9576									
.7000	-.3318	.5569	.9535									
.7500	-.3167	.5614	.9465									
.8000	-.2841	.5710	.9313									
.8500	-.2570	.5790	.9187									
.9237	-.2199	.5899	.9016									
.9749	-.1837	.6006	.8849									

PT 2.5342 ATM
 TT 220.0108 K
 RC 4.0081 MILLION
 MACH .8024
 ALPHA 2.0264 DEG

CN .4629
 CM -.0623
 CC .0224

CD2 .06204
 CD3 .05344
 CD4 .03502
 CD5 .03183
 CD6 .03367

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1668	.9988	.0419
.0040	.6152	.8361	.5117
.0150	.1206	.6902	.7469
.0250	-.0716	.6335	.8340
.0400	-.3507	.5512	.9626
.0600	-.5403	.4953	1.0539
.0800	-.6411	.4656	1.1044
.1000	-.7612	.4302	1.1671
.1400	-.8259	.4111	1.2022
.1799	-.9004	.3891	1.2438
.2201	-.9266	.3814	1.2589
.2600	-.9454	.3759	1.2698
.3000	-.9539	.3734	1.2748
.3400	-.9648	.3701	1.2812
.3801	-.9761	.3668	1.2879
.4199	-.9885	.3632	1.2953
.4600	-.9891	.3630	1.2957
.5000	-.5727	.4858	1.0699
.5400	-.4268	.5288	.9987
.5799	-.3921	.5390	.9822
.6201	-.3637	.5474	.9687
.6600	-.3496	.5516	.9621
.7000	-.3475	.5522	.9611
.7500	-.3408	.5542	.9580
.8000	-.3118	.5627	.9444
.8500	-.2863	.5702	.9325
.9237	-.2590	.5783	.9198
.9749	-.2193	.5900	.9015

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1668	.9988	.0419
.0040	.5197	.8079	.5599
.0080	.3304	.7521	.6506
.0262	.2558	.7301	.6851
.0500	.2050	.7151	.7085
.1000	.0880	.6806	.7617
.1500	.0327	.6643	.7867
.2000	-.0464	.6410	.8226
.2500	-.0966	.6262	.8453
.3500	-.2760	.5733	.9277
.4500	-.4560	.5202	1.0128
.5500	-.3638	.5474	.9688
.6500	-.1510	.6101	.8702
.7500	-.0104	.6516	.8062
.8000	.0311	.6638	.7874
.8500	.0505	.6696	.7786
.9000	.0599	.6723	.7744
.9500	.0072	.6568	.7983

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.9750	.3671	1.2873
.5000	.5427	-1.0149	.3554	1.3113
.5000	.3454	-1.0431	.3470	1.3286
.5000	.1480	-.8593	.4012	1.2207
.5000	-.1480	-.9632	.3706	1.2803
.5000	-.5427	-1.0375	.3487	1.3251
.5000	-.7401	-1.0022	.3591	1.3036

PT 2.5347 ATM
 TT 220.1117 K
 RC 4.0120 MILLION
 MACH .8046
 ALPHA 2.5100 DEG

CN .4804
 CM -.0608
 CC .0239

CD2 .07018
 CD3 .06132
 CD4 .03980
 CD5 .03921
 CD6 .04320

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1663	.9983	.0494
.0040	.5643	.8201	.5394
.0150	.0746	.6751	.7701
.0250	-.1104	.6204	.8543
.0400	-.3900	.5376	.9845
.0600	-.5812	.4810	1.0780
.0800	-.6714	.4543	1.1241
.1000	-.7917	.4187	1.1881
.1400	-.8546	.4001	1.2229
.1799	-.9297	.3779	1.2659
.2201	-.9555	.3702	1.2811
.2600	-.9747	.3645	1.2925
.3000	-.9843	.3617	1.2983
.3400	-.9945	.3587	1.3045
.3801	-1.0059	.3553	1.3114
.4199	-1.0126	.3533	1.3155
.4600	-.8202	.4103	1.2037
.5000	-.4687	.5143	1.0224
.5400	-.4122	.5310	.9951
.5799	-.3969	.5356	.9878
.6201	-.3716	.5431	.9757
.6600	-.3606	.5463	.9705
.7000	-.3606	.5463	.9705
.7500	-.3620	.5459	.9712
.8000	-.3344	.5541	.9581
.8500	-.3099	.5613	.9466
.9237	-.2953	.5656	.9397
.9749	-.2527	.5783	.9199

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1663	.9983	.0494
.0040	.5876	.8270	.5275
.0080	.3992	.7712	.6201
.0262	.3042	.7431	.6648
.0500	.2449	.7255	.6923
.1000	.1191	.6883	.7499
.1500	.0587	.6704	.7773
.2000	-.0232	.6462	.8146
.2500	-.0756	.6307	.8384
.3500	-.2604	.5760	.9235
.4500	-.4459	.5211	1.0113
.5500	-.3684	.5440	.9742
.6500	-.1580	.6063	.8761
.7500	-.0208	.6469	.8135
.8000	.0191	.6587	.7953
.8500	.0377	.6642	.7869
.9000	.0450	.6664	.7836
.9500	-.0124	.6494	.8096

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.0052	.3555	1.3110
.5000	.5427	-1.0510	.3420	1.3393
.5000	.3454	-1.0739	.3352	1.3538
.5000	.1480	-.6133	.4715	1.0942
.5000	-.1480	-.7352	.4354	1.1576
.5000	-.5427	-1.0763	.3345	1.3553
.5000	-.7401	-1.0324	.3475	1.3277

PT 2.5340 ATM
 TT 220.1183 K
 RC 4.0040 MILLION
 MACH .8020
 ALPHA 3.0028 DEG

CN .5129
 CM -.0606
 CC .0241

CD2 .07787
 CD3 .07187
 CD4 .04668
 CD5 .04292
 CD6 .04785

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1662	.9987	.0427
.0040	.4916	.8001	.5731
.0150	.0050	.6568	.7983
.0250	-.1715	.6048	.8785
.0400	-.4515	.5223	1.0093
.0600	-.6460	.4650	1.1054
.0800	-.7308	.4401	1.1493
.1000	-.8479	.4056	1.2125
.1400	-.9050	.3888	1.2446
.1799	-.9790	.3670	1.2876
.2201	-1.0046	.3594	1.3029
.2600	-1.0242	.3537	1.3148
.3000	-1.0332	.3510	1.3203
.3400	-1.0429	.3482	1.3262
.3801	-1.0521	.3455	1.3319
.4199	-.9082	.3878	1.2464
.4600	-.5763	.4856	1.0703
.5000	-.4565	.5208	1.0117
.5400	-.4286	.5291	.9983
.5799	-.4179	.5322	.9932
.6201	-.3970	.5384	.9833
.6600	-.3863	.5415	.9782
.7000	-.3859	.5416	.9780
.7500	-.3842	.5421	.9772
.8000	-.3567	.5502	.9642
.8500	-.3328	.5573	.9530
.9237	-.3176	.5617	.9459
.9749	-.2719	.5752	.9247

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1662	.9987	.0427
.0040	.6718	.8531	.4813
.0080	.4810	.7969	.5782
.0262	.3592	.7611	.6363
.0500	.2910	.7410	.6681
.1000	.1556	.7011	.7301
.1500	.0890	.6815	.7603
.2000	.0056	.6569	.7981
.2500	-.0516	.6401	.8239
.3500	-.2349	.5861	.9076
.4500	-.4156	.5329	.9921
.5500	-.3577	.5499	.9647
.6500	-.1571	.6090	.8719
.7500	-.0245	.6481	.8117
.8000	.0138	.6593	.7944
.8500	.0312	.6645	.7865
.9000	.0368	.6661	.7840
.9500	-.0238	.6483	.8113

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.0510	.3458	1.3313
.5000	.5427	-1.1035	.3303	1.3644
.5000	.3454	-1.1142	.3272	1.3712
.5000	.1480	-.5311	.4989	1.0479
.5000	-.1480	-.5689	.4877	1.0666
.5000	-.5427	-1.1301	.3225	1.3815
.5000	-.7401	-1.0751	.3387	1.3463

PT 3.9974 ATM
 TT 199.9817 K
 RC 6.0325 MILLION
 MACH .6043
 ALPHA -.9754 DEG

CN .1972
 CM -.0573
 CC .0090

CD2 .00894
 CD3 .00865
 CD4 .00880
 CD5 .00875
 CD6 .00855

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0507	.9914	.1110
.0040	.8016	.9418	.2934
.0150	.2938	.8406	.5035
.0250	.0714	.7963	.5790
.0400	-.1846	.7453	.6610
.0600	-.3305	.7163	.7064
.0800	-.4192	.6986	.7338
.1000	-.4819	.6861	.7530
.1400	-.4677	.6890	.7486
.1799	-.4661	.6893	.7481
.2201	-.4530	.6919	.7442
.2600	-.4382	.6948	.7396
.3000	-.4245	.6976	.7354
.3400	-.4293	.6966	.7369
.3801	-.4307	.6963	.7373
.4199	-.4396	.6945	.7400
.4600	-.4441	.6937	.7414
.5000	-.4540	.6917	.7445
.5400	-.4624	.6900	.7470
.5799	-.4734	.6878	.7504
.6201	-.4768	.6871	.7514
.6600	-.4668	.6891	.7484
.7000	-.4412	.6942	.7405
.7500	-.3634	.7097	.7166
.8000	-.2562	.7311	.6834
.8500	-.1162	.7590	.6395
.9237	.0594	.7939	.5829
.9749	.1566	.8133	.5507

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0507	.9914	.1110
.0040	-.2343	.7354	.6766
.0080	-.3395	.7145	.7092
.0262	-.1743	.7474	.6578
.0500	-.1071	.7608	.6366
.1000	-.1392	.7544	.6467
.1500	-.1593	.7504	.6531
.2000	-.1869	.7449	.6618
.2500	-.2166	.7390	.6710
.3500	-.2961	.7231	.6958
.4500	-.3514	.7121	.7129
.5500	-.2794	.7265	.6906
.6500	-.1166	.7589	.6396
.7500	.0168	.7855	.5968
.8000	.0699	.7960	.5795
.8500	.1126	.8045	.5654
.9000	.1513	.8122	.5525
.9500	.1673	.8154	.5470

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.4298	.6965	.7370
.5000	.5427	-.4472	.6930	.7424
.5000	.3454	-.4494	.6926	.7430
.5000	.1480	-.4485	.6928	.7427
.5000	-.1480	-.4577	.6909	.7456
.5000	-.5427	-.4511	.6923	.7436
.5000	-.7401	-.4363	.6952	.7390

PT	3.9979	ATM	CN	.3086			
TT	199.8442	K	CM	-.0568	CD2	.00890	
RC	6.0306	MILLION	CC	.0071	CD3	.00862	
MACH	.6032				CD4	.00874	
ALPHA	-.0204	DEG			CD5	.00855	
					CD6	.00822	

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0916	.9994	.0282	0.0000	1.0916	.9994	.0282	.5000	.7401	-.4657	.6880	.7501
.0040	.5996	.9011	.3880	.0040	.1873	.8186	.5417	.5000	.5427	-.4857	.6841	.7562
.0150	.0741	.7960	.5796	.0080	.0204	.7852	.5972	.5000	.3454	-.4892	.6833	.7573
.0250	-.1349	.7542	.6470	.0262	.0423	.7896	.5900	.5000	.1480	-.4891	.6834	.7572
.0400	-.3888	.7034	.7263	.0500	.0335	.7879	.5929	.5000	-.1480	-.4982	.6815	.7601
.0600	-.5115	.6789	.7641	.1000	-.0298	.7752	.6135	.5000	-.5427	-.4911	.6830	.7579
.0800	-.5898	.6632	.7882	.1500	-.0657	.7680	.6250	.5000	-.7401	-.4757	.6860	.7531
.1000	-.6414	.6529	.8040	.2000	-.1050	.7602	.6375					
.1400	-.5927	.6627	.7891	.2500	-.1449	.7522	.6502					
.1799	-.5722	.6668	.7828	.3500	-.2355	.7341	.6787					
.2201	-.5434	.6725	.7739	.4500	-.3023	.7207	.6995					
.2600	-.5168	.6778	.7658	.5500	-.2445	.7323	.6815					
.3000	-.4933	.6825	.7585	.6500	-.0930	.7626	.6337					
.3400	-.4909	.6830	.7578	.7500	.0332	.7878	.5930					
.3801	-.4857	.6840	.7562	.8000	.0835	.7979	.5765					
.4199	-.4889	.6834	.7572	.8500	.1224	.8056	.5635					
.4600	-.4883	.6835	.7570	.9000	.1583	.8128	.5515					
.5000	-.4943	.6823	.7588	.9500	.1700	.8152	.5475					
.5400	-.4980	.6816	.7600									
.5799	-.5045	.6803	.7620									
.6201	-.5028	.6806	.7614									
.6600	-.4890	.6834	.7572									
.7000	-.4579	.6896	.7476									
.7500	-.3731	.7066	.7215									
.8000	-.2600	.7292	.6864									
.8500	-.1166	.7578	.6412									
.9237	.0616	.7935	.5837									
.9749	.1552	.8122	.5525									

PT	3.9985	ATM	CN	.4325			
TT	199.9288	K	CM	-.0562	CD2	.00891	
RC	6.0136	MILLION	CC	.0015	CD3	.00869	
MACH	.6012				CD4	.00874	
ALPHA	1.0285	DEG			CD5	.00858	
					CD6	.00824	

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0890	.9990	.0379	0.0000	1.0890	.9990	.0379	.5000	.7401	-.5142	.6794	.7634
.0040	.3076	.8432	.4989	.0040	.5370	.8889	.4129	.5000	.5427	-.5336	.6755	.7694
.0150	-.2157	.7389	.6712	.0080	.3376	.8492	.4882	.5000	.3454	-.5382	.6746	.7708
.0250	-.4014	.7018	.7288	.0262	.2432	.8304	.5215	.5000	.1480	-.5380	.6746	.7707
.0400	-.6479	.6527	.8044	.0500	.1844	.8186	.5416	.5000	-.1480	-.5473	.6728	.7736
.0600	-.7466	.6330	.8347	.1000	.0647	.7948	.5816	.5000	-.5427	-.5396	.6743	.7712
.0800	-.8049	.6214	.8526	.1500	.0270	.7872	.5939	.5000	-.7401	-.5237	.6774	.7664
.1000	-.8376	.6149	.8627	.2000	-.0236	.7772	.6103					
.1400	-.7485	.6326	.8352	.2500	-.0732	.7673	.6262					
.1799	-.7016	.6420	.8208	.3500	-.1754	.7469	.6586					
.2201	-.6529	.6517	.8059	.4500	-.2533	.7314	.6829					
.2600	-.6129	.6597	.7937	.5500	-.2094	.7401	.6692					
.3000	-.5785	.6665	.7831	.6500	-.0705	.7678	.6253					
.3400	-.5656	.6691	.7792	.7500	.0460	.7910	.5877					
.3801	-.5535	.6715	.7755	.8000	.0924	.8003	.5724					
.4199	-.5506	.6721	.7746	.8500	.1284	.8075	.5605					
.4600	-.5445	.6733	.7727	.9000	.1608	.8139	.5496					
.5000	-.5440	.6734	.7725	.9500	.1673	.8152	.5474					
.5400	-.5422	.6738	.7720									
.5799	-.5449	.6732	.7728									
.6201	-.5375	.6747	.7706									
.6600	-.5159	.6790	.7640									
.7000	-.4790	.6864	.7526									
.7500	-.3870	.7047	.7244									
.8000	-.2665	.7287	.6871									
.8500	-.1190	.7581	.6408									
.9237	.0579	.7934	.5838									
.9749	.1468	.8111	.5543									

PT 3.9976 ATM
 TT 199.9562 K
 RC 6.0113 MILLION
 MACH .6012
 ALPHA 2.0349 DEG

CN .5464
 CM -.0547
 CC -.0066

CD2 .00937
 CD3 .00910
 CD4 .00918
 CD5 .00888
 CD6 .00861

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0676	.9950	.0847	0.0000	1.0676	.9950	.0847	.5000	.7401	-.5493	.6753	.7697
.0040	-.0331	.7774	.6100	.0040	.7814	.9384	.3022	.5000	.5427	-.5705	.6711	.7761
.0150	-.5303	.6791	.7639	.0080	.5814	.8989	.3926	.5000	.3454	-.5775	.6697	.7782
.0250	-.6765	.6501	.8083	.0262	.4061	.8642	.4607	.5000	.1480	-.5778	.6697	.7783
.0400	-.9281	.6004	.8851	.0500	.3230	.8478	.4908	.5000	-.1480	-.5894	.6674	.7818
.0600	-.9941	.5873	.9055	.1000	.1681	.8171	.5442	.5000	-.5427	-.5824	.6687	.7797
.0800	-1.0272	.5808	.9157	.1500	.1131	.8063	.5625	.5000	-.7401	-.5667	.6718	.7750
.1000	-.9959	.5870	.9061	.2000	.0440	.7926	.5852					
.1400	-.8986	.6062	.8761	.2500	-.0031	.7833	.6004					
.1799	-.8212	.6215	.8524	.3500	-.1261	.7590	.6395					
.2201	-.7519	.6352	.8312	.4500	-.2047	.7434	.6641					
.2600	-.6992	.6457	.8152	.5500	-.1719	.7499	.6538					
.3000	-.6532	.6547	.8012	.6500	-.0455	.7749	.6140					
.3400	-.6296	.6594	.7941	.7500	.0592	.7956	.5802					
.3801	-.6115	.6630	.7886	.8000	.1015	.8040	.5663					
.4199	-.6024	.6648	.7858	.8500	.1372	.8110	.5545					
.4600	-.5907	.6671	.7822	.9000	.1660	.8167	.5449					
.5000	-.5832	.6686	.7800	.9500	.1641	.8163	.5455					
.5400	-.5762	.6700	.7778									
.5799	-.5757	.6701	.7777									
.6201	-.5628	.6726	.7738									
.6600	-.5350	.6781	.7653									
.7000	-.4948	.6861	.7531									
.7500	-.3962	.7056	.7230									
.8000	-.2668	.7311	.6833									
.8500	-.1119	.7618	.6350									
.9237	.0538	.7945	.5820									
.9749	.1385	.8113	.5541									

PT 3.9991 ATM
 TT 199.9700 K
 RC 6.0283 MILLION
 MACH .6033
 ALPHA 3.0304 DEG

CN .6615
 CM -.0527
 CC -.0186

CD2 .00954
 CD3 .00923
 CD4 .00873
 CD5 .00896
 CD6 .00864

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.9892	.9789	.1743	0.0000	.9892	.9789	.1743	.5000	.7401	-.5937	.6624	.7895
.0040	-.4086	.6994	.7325	.0040	.9496	.9710	.2049	.5000	.5427	-.6156	.6580	.7962
.0150	-.8737	.6064	.8758	.0080	.7621	.9335	.3144	.5000	.3454	-.6190	.6573	.7973
.0250	-.9686	.5874	.9054	.0262	.5397	.8890	.4127	.5000	.1480	-.6199	.6572	.7975
.0400	-1.2549	.5302	.9964	.0500	.4197	.8651	.4591	.5000	-.1480	-.6282	.6555	.8001
.0600	-1.2953	.5221	1.0096	.1000	.2584	.8328	.5172	.5000	-.5427	-.6198	.6572	.7975
.0800	-1.3132	.5185	1.0155	.1500	.1884	.8188	.5413	.5000	-.7401	-.6033	.6605	.7924
.1000	-1.2374	.5337	.9908	.2000	.1025	.8016	.5702					
.1400	-1.0639	.5684	.9353	.2500	.0573	.7926	.5852					
.1799	-.9540	.5903	.9008	.3500	-.0791	.7653	.6294					
.2201	-.8587	.6094	.8711	.4500	-.1559	.7499	.6538					
.2600	-.7860	.6239	.8487	.5500	-.1423	.7527	.6495					
.3000	-.7273	.6357	.8306	.6500	-.0259	.7760	.6122					
.3400	-.6980	.6415	.8216	.7500	.0783	.7968	.5782					
.3801	-.6690	.6473	.8126	.8000	.1171	.8046	.5654					
.4199	-.6525	.6506	.8075	.8500	.1415	.8094	.5572					
.4600	-.6344	.6542	.8020	.9000	.1680	.8147	.5483					
.5000	-.6252	.6561	.7991	.9500	.1659	.8143	.5490					
.5400	-.6132	.6585	.7955									
.5799	-.6033	.6605	.7924									
.6201	-.5844	.6643	.7866									
.6600	-.5542	.6703	.7773									
.7000	-.5042	.6803	.7620									
.7500	-.3964	.7018	.7288									
.8000	-.2679	.7275	.6889									
.8500	-.1187	.7574	.6420									
.9237	.0568	.7925	.5853									
.9749	.1283	.8068	.5616									

PT 3.9983 ATM
 TT 200.0432 K
 RC 6.0163 MILLION
 MACH .6023
 ALPHA 3.9939 DEG

CN .7734
 CM -.0483
 CC -.0337

CD2 .01050
 CD3 .01018
 CD4 .00963
 CD5 .01009
 CD6 .00964

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.8545	.9524	.2643
.0040	-.7841	.6267	.8445
.0150	-1.2283	.5383	.9832
.0250	-1.2548	.5331	.9917
.0400	-1.5768	.4691	1.0984
.0600	-1.6920	.4462	1.1385
.0800	-1.7085	.4429	1.1443
.1000	-1.6432	.4559	1.1214
.1400	-1.1851	.5469	.9694
.1799	-1.0568	.5724	.9289
.2201	-.9450	.5947	.8941
.2600	-.8635	.6109	.8689
.3000	-.7922	.6251	.8469
.3400	-.7536	.6327	.8351
.3801	-.7189	.6396	.8245
.4199	-.6976	.6439	.8180
.4600	-.6739	.6486	.8107
.5000	-.6577	.6518	.8058
.5400	-.6404	.6552	.8005
.5799	-.6275	.6578	.7966
.6201	-.6031	.6626	.7891
.6600	-.5647	.6703	.7774
.7000	-.5111	.6809	.7610
.7500	-.3979	.7034	.7263
.8000	-.2623	.7304	.6845
.8500	-.1076	.7612	.6360
.9237	.0511	.7927	.5850
.9749	.1169	.8058	.5633

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.8545	.9524	.2643
.0040	1.0394	.9892	.1244
.0080	.8903	.9596	.2431
.0262	.6519	.9122	.3642
.0500	.5175	.8854	.4198
.1000	.3397	.8501	.4866
.1500	.2576	.8338	.5155
.2000	.1654	.8154	.5471
.2500	.0996	.8024	.5690
.3500	-.0300	.7766	.6112
.4500	-.1155	.7596	.6385
.5500	-.1091	.7609	.6364
.6500	-.0036	.7818	.6027
.7500	.0899	.8004	.5722
.8000	.1246	.8073	.5607
.8500	.1483	.8120	.5528
.9000	.1712	.8166	.5451
.9500	.1624	.8148	.5481

SPANWISE			
X/C	Y/(8/2)	CP	P,L/PT
.5000	.7401	-.6231	.6587
.5000	.5427	-.6454	.6542
.5000	.3454	-.6503	.6533
.5000	.1480	-.6514	.6530
.5000	-.1480	-.6615	.6510
.5000	-.5427	-.6540	.6525
.5000	-.7401	-.6369	.6559

PT 3.9975 ATM
 TT 200.0048 K
 RC 6.0085 MILLION
 MACH .6011
 ALPHA 5.0291 DEG

CN .8959
 CM -.0424
 CC -.0519

CD2 .01345
 CD3 .01351
 CD4 .01274
 CD5 .01261
 CD6 .01189

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.6770	.9172	.3529
.0040	-1.1360	.5570	.9533
.0150	-1.7527	.4345	1.1593
.0250	-1.5207	.4806	1.0787
.0400	-1.7574	.4336	1.1610
.0600	-1.9470	.3959	1.2309
.0800	-2.0356	.3783	1.2651
.1000	-2.0858	.3683	1.2849
.1400	-1.8846	.4083	1.2074
.1799	-1.0850	.5672	.9372
.2201	-.9696	.5901	.9012
.2600	-.8975	.6044	.8789
.3000	-.8318	.6175	.8586
.3400	-.7909	.6256	.8461
.3801	-.7538	.6330	.8347
.4199	-.7280	.6381	.8268
.4600	-.7013	.6434	.8187
.5000	-.6801	.6476	.8122
.5400	-.6581	.6520	.8055
.5799	-.6404	.6555	.8001
.6201	-.6102	.6615	.7909
.6600	-.5660	.6703	.7774
.7000	-.5087	.6817	.7599
.7500	-.3912	.7050	.7239
.8000	-.2547	.7321	.6817
.8500	-.1015	.7626	.6337
.9237	.0492	.7925	.5853
.9749	.1128	.8051	.5644

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.6770	.9172	.3529
.0040	1.0830	.9979	.0547
.0080	.9870	.9788	.1748
.0262	.7530	.9323	.3174
.0500	.6103	.9040	.3818
.1000	.4221	.8666	.4562
.1500	.3277	.8478	.4906
.2000	.2319	.8288	.5242
.2500	.1620	.8149	.5479
.3500	.0251	.7877	.5931
.4500	-.0661	.7696	.6225
.5500	-.0715	.7685	.6242
.6500	.0229	.7873	.5939
.7500	.1075	.8041	.5661
.8000	.1388	.8103	.5557
.8500	.1596	.8144	.5487
.9000	.1790	.8183	.5422
.9500	.1658	.8157	.5467

SPANWISE			
X/C	Y/(8/2)	CP	P,L/PT
.5000	.7401	-.6430	.6550
.5000	.5427	-.6660	.6504
.5000	.3454	-.6715	.6493
.5000	.1480	-.6730	.6490
.5000	-.1480	-.6835	.6469
.5000	-.5427	-.6765	.6483
.5000	-.7401	-.6602	.6516

PT 3.9990 ATM
 TT 199.9874 K
 RC 6.0345 MILLION
 MACH .6043
 ALPHA 7.0364 DEG

CN 1.1110
 CM -.0298
 CC -.0856

CD2 .03162
 CD3 .03087
 CD4 .03042
 CD5 .03024
 CD6 .03037

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.3347	.8484	.4896	0.0000	.3347	.8484	.4896	.5000	.7401	-.6308	.6557	.7998
.0040	-1.6768	.4469	1.1372	.0040	1.0881	.9988	.0416	.5000	.5427	-.6574	.6504	.8080
.0150	-2.4169	.2992	1.4350	.0080	1.0732	.9958	.0774	.5000	.3454	-.6564	.6506	.8077
.0250	-2.3314	.3162	1.3957	.0262	.8885	.9589	.2450	.5000	.1480	-.6570	.6504	.8079
.0400	-2.3797	.3066	1.4177	.0500	.7386	.9290	.3254	.5000	-.1480	-.6681	.6482	.8112
.0600	-2.3768	.3071	1.4164	.1000	.5469	.8908	.4092	.5000	-.5427	-.6629	.6493	.8096
.0800	-2.5119	.2802	1.4808	.1500	.4314	.8677	.4541	.5000	-.7401	-.6478	.6523	.8050
.1000	-2.4278	.2970	1.4401	.2000	.3398	.8494	.4878					
.1400	-2.4235	.2978	1.4381	.2500	.2621	.8339	.5153					
.1799	-1.9310	.3961	1.2305	.3500	.1171	.8050	.5647					
.2201	-1.5360	.4750	1.0883	.4500	.0142	.7844	.5985					
.2600	-1.2608	.5299	.9968	.5500	-.0093	.7797	.6061					
.3000	-.9495	.5921	.8981	.6500	.0663	.7948	.5815					
.3400	-.7972	.6225	.8509	.7500	.1387	.8093	.5574					
.3801	-.7231	.6373	.8281	.8000	.1662	.8148	.5482					
.4199	-.7016	.6415	.8215	.8500	.1773	.8170	.5444					
.4600	-.6807	.6457	.8151	.9000	.1916	.8198	.5396					
.5000	-.6624	.6494	.8095	.9500	.1728	.8161	.5460					
.5400	-.6381	.6542	.8020									
.5799	-.6158	.6587	.7952									
.6201	-.5792	.6660	.7840									
.6600	-.5324	.6753	.7696									
.7000	-.4736	.6871	.7516									
.7500	-.3638	.7090	.7178									
.8000	-.2421	.7333	.6800									
.8500	-.1103	.7596	.6385									
.9237	.0337	.7883	.5922									
.9749	.1027	.8021	.5695									

PT 3.9981 ATM
 TT 199.9489 K
 RC 6.0286 MILLION
 MACH .6035
 ALPHA 8.0139 DEG

CN 1.1400
 CM -.0200
 CC -.0932

CD2 .04799
 CD3 .04445
 CD4 .04417
 CD5 .04349
 CD6 .04348

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.2118	.8247	.5312	0.0000	.2118	.8247	.5312	.5000	.7401	-.5864	.6661	.7838
.0040	-1.8474	.4155	1.1941	.0040	1.0771	.9967	.0686	.5000	.5427	-.6197	.6595	.7940
.0150	-2.5591	.2740	1.4962	.0080	1.0829	.9979	.0551	.5000	.3454	-.6208	.6593	.7943
.0250	-2.5033	.2851	1.4686	.0262	.9177	.9650	.2256	.5000	.1480	-.6282	.6578	.7966
.0400	-2.5483	.2762	1.4908	.0500	.7755	.9368	.3063	.5000	-.1480	-.6382	.6558	.7996
.0600	-2.5608	.2737	1.4971	.1000	.5786	.8976	.3951	.5000	-.5427	-.6432	.6548	.8012
.0800	-2.6361	.2587	1.5358	.1500	.4616	.8744	.4414	.5000	-.7401	-.6199	.6594	.7940
.1000	-2.6012	.2657	1.5176	.2000	.3636	.8549	.4778					
.1400	-2.3928	.3071	1.4165	.2500	.2867	.8396	.5053					
.1799	-1.7482	.4352	1.1581	.3500	.1314	.8087	.5583					
.2201	-1.6557	.4536	1.1254	.4500	.0214	.7869	.5945					
.2600	-1.4198	.5005	1.0453	.5500	-.0057	.7815	.6033					
.3000	-1.1170	.5606	.9476	.6500	.0614	.7949	.5814					
.3400	-.9908	.5857	.9080	.7500	.1228	.8070	.5612					
.3801	-.8082	.6220	.8516	.8000	.1464	.8117	.5533					
.4199	-.7181	.6399	.8240	.8500	.1570	.8139	.5497					
.4600	-.6660	.6503	.8081	.9000	.1646	.8154	.5472					
.5000	-.6134	.6607	.7920	.9500	.1294	.8084	.5590					
.5400	-.5767	.6680	.7808									
.5799	-.5603	.6713	.7758									
.6201	-.5117	.6809	.7610									
.6600	-.4560	.6920	.7440									
.7000	-.4073	.7017	.7290									
.7500	-.3084	.7213	.6986									
.8000	-.2080	.7413	.6674									
.8500	-.1084	.7611	.6361									
.9237	-.0177	.7791	.6071									
.9749	.0296	.7885	.5918									

PT 3.9983 ATM
 TT 199.8517 K
 RC 6.0174 MILLION
 MACH .6013
 ALPHA 9.0424 DEG

CN 1.1315
 CM -.0174
 CC -.0925

CD2 .05378
 CD3 .05501
 CD4 .05346
 CD5 .05209
 CD6 .04957

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.1356	.8092	.5575	0.0000	.1356	.8092	.5575	.5000	.7401	-.5541	.6719	.7748
.0040	-1.9114	.4017	1.2198	.0040	1.0718	.9956	.0792	.5000	.5427	-.5814	.6665	.7832
.0150	-2.6232	.2600	1.5323	.0080	1.0871	.9986	.0439	.5000	.3454	-.6167	.6595	.7940
.0250	-2.5709	.2705	1.5053	.0262	.9396	.9693	.2111	.5000	.1480	-.6173	.6593	.7942
.0400	-2.6208	.2605	1.5311	.0500	.7904	.9396	.2991	.5000	-.1480	-.6167	.6595	.7940
.0600	-2.6294	.2588	1.5356	.1000	.5984	.9014	.3874	.5000	-.5427	-.6170	.6594	.7941
.0800	-2.6399	.2567	1.5412	.1500	.4789	.8776	.4353	.5000	-.7401	-.5861	.6656	.7846
.1000	-2.6465	.2554	1.5446	.2000	.3809	.8581	.4720					
.1400	-1.9920	.3857	1.2506	.2500	.2971	.8414	.5021					
.1799	-1.7895	.4260	1.1747	.3500	.1409	.8103	.5558					
.2201	-1.6902	.4458	1.1391	.4500	.0235	.7869	.5944					
.2600	-1.4410	.4954	1.0538	.5500	-.0151	.7792	.6069					
.3000	-1.1174	.5598	.9489	.6500	.0467	.7915	.5869					
.3400	-.9920	.5848	.9095	.7500	.1081	.8038	.5667					
.3801	-.8293	.6172	.8591	.8000	.1299	.8081	.5594					
.4199	-.7248	.6380	.8270	.8500	.1339	.8089	.5581					
.4600	-.6634	.6502	.8083	.9000	.1396	.8100	.5562					
.5000	-.5877	.6652	.7851	.9500	.1020	.8025	.5687					
.5400	-.5532	.6721	.7745									
.5799	-.5282	.6771	.7669									
.6201	-.4725	.6882	.7498									
.6600	-.4262	.6974	.7356									
.7000	-.3899	.7046	.7245									
.7500	-.2906	.7244	.6938									
.8000	-.2140	.7396	.6700									
.8500	-.1404	.7543	.6469									
.9237	-.0598	.7703	.6213									
.9749	-.0165	.7790	.6074									

PT 3.6061 ATM
 TT 200.0625 K
 RC 6.0191 MILLION
 MACH .7026
 ALPHA -.9776 DEG

CN .2007
 CM -.0610
 CC .0098

CD2 .00941
 CD3 .00922
 CD4 .00925
 CD5 .00904
 CD6 .00891

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0784	.9873	.1351	0.0000	1.0784	.9873	.1351	.5000	.7401	-.4841	.5981	.8887
.0040	.8732	.9362	.3079	.0040	-.2543	.6554	.8004	.5000	.5427	-.5043	.5931	.8965
.0150	.3770	.8126	.5519	.0080	-.3847	.6229	.8503	.5000	.3454	-.5079	.5922	.8980
.0250	.1477	.7555	.6451	.0262	-.2034	.6680	.7809	.5000	.1480	-.5115	.5913	.8993
.0400	-.1233	.6880	.7502	.0500	-.1362	.6848	.7552	.5000	-.1480	-.5196	.5893	.9025
.0600	-.3060	.6425	.8201	.1000	-.1600	.6788	.7643	.5000	-.5427	-.5079	.5922	.8979
.0800	-.4163	.6150	.8625	.1500	-.1833	.6731	.7732	.5000	-.7401	-.4886	.5970	.8904
.1000	-.5007	.5940	.8951	.2000	-.2137	.6655	.7848					
.1400	-.5072	.5924	.8977	.2500	-.2486	.6568	.7981					
.1799	-.5151	.5904	.9007	.3500	-.3488	.6318	.8365					
.2201	-.5017	.5938	.8955	.4500	-.4156	.6152	.8622					
.2600	-.4873	.5973	.8899	.5500	-.3214	.6387	.8260					
.3000	-.4743	.6006	.8849	.6500	-.1284	.6867	.7522					
.3400	-.4784	.5996	.8865	.7500	.0206	.7238	.6948					
.3801	-.4832	.5984	.8884	.8000	.0772	.7379	.6727					
.4199	-.4929	.5959	.8921	.8500	.1220	.7491	.6552					
.4600	-.5017	.5938	.8955	.9000	.1609	.7588	.6399					
.5000	-.5175	.5898	.9017	.9500	.1770	.7628	.6334					
.5400	-.5301	.5867	.9066									
.5799	-.5417	.5838	.9111									
.6201	-.5445	.5831	.9122									
.6600	-.5256	.5878	.9048									
.7000	-.4804	.5991	.8873									
.7500	-.3781	.6245	.8478									
.8000	-.2490	.6567	.7983									
.8500	-.0967	.6946	.7400									
.9237	.0820	.7391	.6709									
.9749	.1673	.7604	.6373									

PT 3.6057 ATM
 TT 200.0255 K
 RC 6.0101 MILLION
 MACH .7008
 ALPHA .0102 DEG

CN .3262
 CM -.0596
 CC .0078

CD2 .00955
 CD3 .00925
 CD4 .00939
 CD5 .00893
 CD6 .00882

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1241	.9987	.0435	0.0000	1.1241	.9987	.0435	.5000	.7401	-.5255	.5881	.9044
.0040	.6941	.8916	.4075	.0040	.1632	.7595	.6387	.5000	.5427	-.5489	.5822	.9135
.0150	.1729	.7619	.6349	.0080	-.0022	.7183	.7033	.5000	.3454	-.5530	.5812	.9151
.0250	-.0474	.7071	.7208	.0262	.0318	.7268	.6902	.5000	.1480	-.5571	.5802	.9167
.0400	-.3278	.6373	.8282	.0500	.0244	.7250	.6930	.5000	-.1480	-.5659	.5780	.9202
.0600	-.4960	.5954	.8930	.1000	-.0462	.7074	.7203	.5000	-.5427	-.5535	.5811	.9153
.0800	-.6149	.5658	.9394	.1500	-.0770	.6997	.7321	.5000	-.7401	-.5330	.5862	.9073
.1000	-.7011	.5444	.9736	.2000	-.1200	.6890	.7487					
.1400	-.6756	.5507	.9634	.2500	-.1657	.6776	.7662					
.1799	-.6561	.5556	.9557	.3500	-.2752	.6504	.8080					
.2201	-.6181	.5650	.9407	.4500	-.3545	.6306	.8384					
.2600	-.5851	.5732	.9277	.5500	-.2807	.6490	.8101					
.3000	-.5575	.5801	.9169	.6500	-.1035	.6931	.7423					
.3400	-.5535	.5811	.9153	.7500	.0367	.7280	.6883					
.3801	-.5493	.5821	.9137	.8000	.0900	.7413	.6675					
.4199	-.5514	.5816	.9145	.8500	.1303	.7513	.6517					
.4600	-.5537	.5810	.9154	.9000	.1663	.7603	.6375					
.5000	-.5639	.5785	.9194	.9500	.1762	.7627	.6335					
.5400	-.5702	.5769	.9219									
.5799	-.5741	.5760	.9234									
.6201	-.5698	.5770	.9217									
.6600	-.5436	.5836	.9115									
.7000	-.4906	.5968	.8908									
.7500	-.3793	.6245	.8479									
.8000	-.2439	.6582	.7960									
.8500	-.0896	.6966	.7370									
.9237	.0834	.7396	.6701									
.9749	.1607	.7589	.6397									

PT 3.6063 ATM
 TT 200.0288 K
 RC 6.0205 MILLION
 MACH .7026
 ALPHA 1.0387 DEG

CN .4561
 CM -.0571
 CC .0023

CD2 .00990
 CD3 .00958
 CD4 .00977
 CD5 .00954
 CD6 .00931

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1258	.9991	.0360	0.0000	1.1258	.9991	.0360	.5000	.7401	-.5734	.5761	.9231
.0040	.4662	.8349	.5136	.0040	.5003	.8434	.4986	.5000	.5427	-.5971	.5703	.9324
.0150	-.0598	.7040	.7256	.0080	.3075	.7954	.5806	.5000	.3454	-.6013	.5692	.9341
.0250	-.2579	.6547	.8014	.0262	.2305	.7763	.6118	.5000	.1480	-.6050	.5683	.9355
.0400	-.5521	.5815	.9148	.0500	.1777	.7631	.6329	.5000	-.1480	-.6151	.5658	.9395
.0600	-.7147	.5410	.9791	.1000	.0613	.7341	.6787	.5000	-.5427	-.6010	.5693	.9339
.0800	-.8451	.5085	1.0319	.1500	.0213	.7242	.6943	.5000	-.7401	-.5811	.5742	.9262
.1000	-.9724	.4768	1.0852	.2000	-.0365	.7098	.7166					
.1400	-.9256	.4885	1.0654	.2500	-.0876	.6971	.7362					
.1799	-.8415	.5094	1.0305	.3500	-.2106	.6664	.7833					
.2201	-.7405	.5346	.9894	.4500	-.2974	.6448	.8165					
.2600	-.6856	.5482	.9674	.5500	-.2432	.6583	.7958					
.3000	-.6442	.5585	.9510	.6500	-.0807	.6988	.7336					
.3400	-.6312	.5618	.9458	.7500	.0512	.7316	.6827					
.3801	-.6190	.5648	.9410	.8000	.1001	.7438	.6635					
.4199	-.6130	.5663	.9387	.8500	.1360	.7527	.6494					
.4600	-.6082	.5675	.9368	.9000	.1689	.7609	.6365					
.5000	-.6122	.5665	.9383	.9500	.1725	.7618	.6350					
.5400	-.6113	.5667	.9380									
.5799	-.6084	.5674	.9369									
.6201	-.5950	.5708	.9316									
.6600	-.5595	.5796	.9177									
.7000	-.4980	.5949	.8938									
.7500	-.3787	.6246	.8477									
.8000	-.2373	.6598	.7935									
.8500	-.0824	.6984	.7342									
.9237	.0810	.7390	.6710									
.9749	.1490	.7560	.6443									

PT 3.6059 ATM
 TT 200.0645 K
 RC 6.0107 MILLION
 MACH .7011
 ALPHA 2.0160 DEG

CN .5951
 CM -.0546
 CC -.0058

CD2 .01115
 CD3 .01096
 CD4 .01118
 CD5 .01089
 CD6 .01060

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC
0.0000	1.1239	.9987	.0430	0.0000	1.1239	.9987	.0430
.0040	.2233	.7749	.6140	.0040	.7361	.9023	.3854
.0150	-.2891	.6476	.8123	.0080	.5342	.8522	.4829
.0250	-.4554	.6062	.8761	.0262	.3887	.8160	.5462
.0400	-.7611	.5303	.9963	.0500	.3029	.7947	.5818
.0600	-.9233	.4900	1.0629	.1000	.1612	.7595	.6387
.0800	-1.0197	.4660	1.1037	.1500	.1067	.7459	.6602
.1000	-1.1393	.4363	1.1561	.2000	.0238	.7253	.6924
.1400	-1.1921	.4232	1.1799	.2500	-.0170	.7152	.7082
.1799	-1.2441	.4103	1.2038	.3500	-.1607	.6795	.7633
.2201	-1.2320	.4132	1.1982	.4500	-.2425	.6591	.7945
.2600	-.9888	.4737	1.0905	.5500	-.2054	.6684	.7804
.3000	-.6456	.5590	.9503	.6500	-.0573	.7052	.7237
.3400	-.6311	.5626	.9445	.7500	.0653	.7356	.6763
.3801	-.6363	.5613	.9466	.8000	.1104	.7469	.6587
.4199	-.6397	.5604	.9479	.8500	.1441	.7552	.6455
.4600	-.6402	.5603	.9481	.9000	.1743	.7627	.6335
.5000	-.6435	.5595	.9494	.9500	.1734	.7625	.6339
.5400	-.6404	.5603	.9482				
.5799	-.6346	.5617	.9459				
.6201	-.6151	.5665	.9383				
.6600	-.5734	.5769	.9219				
.7000	-.5079	.5932	.8964				
.7500	-.3841	.6240	.8487				
.8000	-.2398	.6598	.7935				
.8500	-.0860	.6980	.7347				
.9237	.0757	.7382	.6723				
.9749	.1442	.7553	.6454				

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6095	.5680	.9360
.5000	.5427	-.6295	.5630	.9439
.5000	.3454	-.6336	.5620	.9455
.5000	.1480	-.6359	.5614	.9464
.5000	-.1480	-.6468	.5587	.9507
.5000	-.5427	-.6357	.5614	.9463
.5000	-.7401	-.6214	.5650	.9407

PT 3.6061 ATM
 TT 200.1270 K
 RC 6.0128 MILLION
 MACH .7019
 ALPHA 3.0315 DEG

CN .7679
 CM -.0557
 CC -.0160

CD2 .01640
 CD3 .01608
 CD4 .01615
 CD5 .01679
 CD6 .01652

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC
0.0000	1.0834	.9886	.1279	0.0000	1.0834	.9886	.1279
.0040	-.0410	.7089	.7179	.0040	.9081	.9450	.2850
.0150	-.5272	.5880	.9046	.0080	.7180	.8977	.3951
.0250	-.6483	.5579	.9520	.0262	.5261	.8500	.4868
.0400	-.9643	.4793	1.0810	.0500	.4205	.8237	.5330
.0600	-1.1248	.4393	1.1506	.1000	.2593	.7836	.5999
.0800	-1.2296	.4133	1.1981	.1500	.1913	.7667	.6272
.1000	-1.3111	.3930	1.2365	.2000	.1035	.7449	.6619
.1400	-1.3594	.3810	1.2598	.2500	.0566	.7332	.6802
.1799	-1.4238	.3650	1.2918	.3500	-.0930	.6960	.7379
.2201	-1.4295	.3636	1.2946	.4500	-.1808	.6741	.7715
.2600	-1.4219	.3655	1.2908	.5500	-.1591	.6795	.7632
.3000	-1.4059	.3694	1.2828	.6500	-.0249	.7129	.7117
.3400	-1.3533	.3825	1.2568	.7500	.0895	.7414	.6674
.3801	-.8077	.5182	1.0160	.8000	.1321	.7520	.6507
.4199	-.6257	.5635	.9431	.8500	.1619	.7594	.6389
.4600	-.5702	.5773	.9213	.9000	.1905	.7665	.6275
.5000	-.5759	.5759	.9236	.9500	.1900	.7664	.6277
.5400	-.5881	.5728	.9263				
.5799	-.5961	.5709	.9315				
.6201	-.5881	.5728	.9283				
.6600	-.5561	.5808	.9158				
.7000	-.4984	.5952	.8933				
.7500	-.3843	.6235	.8494				
.8000	-.2487	.6572	.7975				
.8500	-.0972	.6949	.7395				
.9237	.0761	.7380	.6726				
.9749	.1573	.7582	.6407				

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6064	.5683	.9355
.5000	.5427	-.5901	.5723	.9291
.5000	.3454	-.5725	.5767	.9222
.5000	.1480	-.5695	.5775	.9211
.5000	-.1480	-.5759	.5759	.9236
.5000	-.5427	-.5765	.5757	.9238
.5000	-.7401	-.6043	.5688	.9347

PT 3.6058 ATM
 TT 200.1360 K
 RC 6.0161 MILLION
 MACH .7027
 ALPHA 4.0175 DEG

CN .9195
 CM -.0605
 CC -.0254

CD2 .02784
 CD3 .02779
 CD4 .02831
 CD5 .02885
 CD6 .02895

UPPER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	1.0141	.9714	.2037
.0040	-.2781	.6502	.8083
.0150	-.7440	.5344	.9896
.0250	-.8115	.5177	1.0169
.0400	-1.1044	.4448	1.1408
.0600	-1.2724	.4031	1.2173
.0800	-1.3773	.3770	1.2676
.1000	-1.4573	.3571	1.3077
.1400	-1.5023	.3460	1.3310
.1799	-1.5576	.3322	1.3604
.2201	-1.5679	.3296	1.3659
.2600	-1.5612	.3313	1.3623
.3000	-1.5527	.3334	1.3577
.3400	-1.5517	.3337	1.3572
.3801	-1.5373	.3372	1.3495
.4199	-1.2546	.4075	1.2089
.4600	-.8554	.5067	1.0349
.5000	-.7164	.5413	.9785
.5400	-.5952	.5714	.9306
.5799	-.5227	.5894	.9023
.6201	-.4900	.5976	.8896
.6600	-.4685	.6029	.8813
.7000	-.4297	.6126	.8663
.7500	-.3374	.6355	.8309
.8000	-.2226	.6640	.7870
.8500	-.0890	.6972	.7360
.9237	.0760	.7382	.6723
.9749	.1570	.7584	.6405

LOWER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	1.0141	.9714	.2037
.0040	1.0146	.9715	.2032
.0080	.8474	.9300	.3232
.0262	.6316	.8763	.4377
.0500	.5129	.8468	.4925
.1000	.3400	.8039	.5666
.1500	.2460	.7805	.6050
.2000	.1703	.7617	.6352
.2500	.1085	.7463	.6596
.3500	-.0350	.7107	.7152
.4500	-.1330	.6863	.7528
.5500	-.1195	.6897	.7476
.6500	.0022	.7199	.7009
.7500	.1098	.7466	.6591
.8000	.1483	.7562	.6439
.8500	.1743	.7627	.6336
.9000	.2011	.7693	.6230
.9500	.1985	.7687	.6240

SPANWISE

X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5494	.5828	.9127
.5000	.5427	-.5701	.5776	.9208
.5000	.3454	-.6772	.5510	.9629
.5000	.1480	-.6952	.5466	.9701
.5000	-.1480	-.6990	.5456	.9716
.5000	-.5427	-.6093	.5679	.9361
.5000	-.7401	-.5116	.5922	.8980

PT 3.6058 ATM
 TT 200.1949 K
 RC 6.0222 MILLION
 MACH .7043
 ALPHA 4.5314 DEG

CN .9767
 CM -.0638
 CC -.0275

CD2 .03672
 CD3 .03634
 CD4 .03714
 CD5 .03770
 CD6 .03766

UPPER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	.9855	.9636	.2303
.0040	-.3564	.6274	.8433
.0150	-.8211	.5110	1.0278
.0250	-.8617	.5009	1.0446
.0400	-1.1350	.4324	1.1631
.0600	-1.3063	.3895	1.2433
.0800	-1.4077	.3641	1.2936
.1000	-1.4879	.3440	1.3351
.1400	-1.5365	.3318	1.3612
.1799	-1.5889	.3187	1.3901
.2201	-1.5997	.3160	1.3962
.2600	-1.5960	.3169	1.3941
.3000	-1.5903	.3183	1.3909
.3400	-1.5910	.3182	1.3913
.3801	-1.5805	.3208	1.3854
.4199	-1.5478	.3290	1.3674
.4600	-1.0158	.4623	1.1102
.5000	-.8641	.5003	1.0456
.5400	-.7561	.5273	1.0011
.5799	-.6321	.5584	.9512
.6201	-.5187	.5868	.9064
.6600	-.4343	.6079	.8735
.7000	-.3698	.6241	.8485
.7500	-.2795	.6467	.8137
.8000	-.1766	.6725	.7740
.8500	-.0635	.7008	.7304
.9237	.0666	.7334	.6798
.9749	.1379	.7513	.6517

LOWER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	.9855	.9636	.2303
.0040	1.0477	.9792	.1732
.0080	.8928	.9404	.2971
.0262	.6722	.8851	.4206
.0500	.5579	.8565	.4750
.1000	.3758	.8109	.5548
.1500	.2796	.7868	.5947
.2000	.1983	.7664	.6276
.2500	.1312	.7496	.6544
.3500	-.0133	.7134	.7110
.4500	-.1150	.6879	.7503
.5500	-.1039	.6907	.7460
.6500	.0120	.7197	.7011
.7500	.1122	.7449	.6619
.8000	.1505	.7544	.6467
.8500	.1753	.7607	.6369
.9000	.1984	.7664	.6276
.9500	.1870	.7636	.6322

SPANWISE

X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6089	.5642	.9420
.5000	.5427	-.7898	.5189	1.0149
.5000	.3454	-.8471	.5045	1.0385
.5000	.1480	-.8527	.5031	1.0409
.5000	-.1480	-.8621	.5008	1.0448
.5000	-.5427	-.8269	.5096	1.0302
.5000	-.7401	-.5340	.5830	.9124

PT 3.6056 ATM
 TT 200.1430 K
 RC 6.0159 MILLION
 MACH .7028
 ALPHA 5.0507 DEG

CN .9808
 CM -.0592
 CC -.0289

CD2 .04667
 CD3 .04368
 CD4 .04475
 CD5 .04513
 CD6 .04416

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.9447	.9538	.2605
.0040	-.4515	.6054	.8775
.0150	-.9355	.4846	1.0719
.0250	-.9355	.4846	1.0719
.0400	-1.1912	.4208	1.1843
.0600	-1.3623	.3781	1.2655
.0800	-1.4635	.3528	1.3166
.1000	-1.5417	.3333	1.3579
.1400	-1.5921	.3208	1.3855
.1799	-1.6452	.3075	1.4155
.2201	-1.6555	.3049	1.4215
.2600	-1.6490	.3066	1.4177
.3000	-1.6388	.3091	1.4119
.3400	-1.6007	.3186	1.3903
.3801	-1.4391	.3569	1.3041
.4199	-1.1197	.4386	1.1519
.4600	-.9495	.4811	1.0779
.5000	-.8847	.4973	1.0506
.5400	-.7873	.5216	1.0105
.5799	-.6536	.5549	.9567
.6201	-.5451	.5820	.9139
.6600	-.4438	.6073	.8745
.7000	-.3626	.6275	.8432
.7500	-.2598	.6532	.8036
.8000	-.1705	.6755	.7694
.8500	-.0886	.6959	.7380
.9237	.0182	.7226	.6967
.9749	.0649	.7342	.6785

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.9447	.9538	.2605
.0040	1.0704	.9851	.1462
.0080	.9252	.9489	.2743
.0262	.7004	.8928	.4051
.0500	.5781	.8623	.4643
.1000	.3970	.8171	.5443
.1500	.2962	.7920	.5863
.2000	.2149	.7717	.6192
.2500	.1425	.7536	.6481
.3500	-.0011	.7178	.7042
.4500	-.1091	.6908	.7458
.5500	-.1071	.6913	.7451
.6500	.0041	.7191	.7022
.7500	.1031	.7438	.6636
.8000	.1390	.7527	.6494
.8500	.1536	.7564	.6437
.9000	.1726	.7611	.6361
.9500	.1487	.7551	.6456

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6089	.5661	.9390
.5000	.5427	-.8358	.5095	1.0303
.5000	.3454	-.8631	.5027	1.0416
.5000	.1480	-.8642	.5024	1.0421
.5000	-.1480	-.8674	.5016	1.0434
.5000	-.5427	-.8356	.5095	1.0303
.5000	-.7401	-.5603	.5782	.9198

PT 3.6056 ATM
 TT 200.0288 K
 RC 6.0128 MILLION
 MACH .7013
 ALPHA 6.0255 DEG

CN .9019
 CM -.0636
 CC -.0164

CD2 .08504
 CD3 .07207
 CD4 .05636
 CD5 .05198
 CD6 .05272

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.8862	.9392	.3003
.0040	-.5670	.5765	.9226
.0150	-1.1625	.4278	1.1714
.0250	-1.0450	.4572	1.1191
.0400	-1.2410	.4082	1.2076
.0600	-1.4141	.3650	1.2916
.0800	-1.5187	.3389	1.3459
.1000	-1.6011	.3184	1.3908
.1400	-1.6303	.3111	1.4073
.1799	-1.5013	.3433	1.3366
.2201	-1.3381	.3840	1.2539
.2600	-1.2223	.4129	1.1988
.3000	-1.1226	.4378	1.1534
.3400	-.9817	.4730	1.0918
.3801	-.9281	.4863	1.0690
.4199	-.8862	.4968	1.0514
.4600	-.8187	.5136	1.0235
.5000	-.7571	.5290	.9983
.5400	-.6984	.5437	.9747
.5799	-.6121	.5652	.9404
.6201	-.5512	.5804	.9164
.6600	-.4985	.5936	.8958
.7000	-.4491	.6059	.8767
.7500	-.3734	.6248	.8474
.8000	-.3242	.6371	.8285
.8500	-.2751	.6493	.8096
.9237	-.2173	.6638	.7875
.9749	-.1705	.6754	.7695

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.8862	.9392	.3003
.0040	1.0931	.9908	.1148
.0080	.9664	.9592	.2443
.0262	.7413	.9030	.3840
.0500	.6128	.8709	.4481
.1000	.4266	.8245	.5317
.1500	.3217	.7983	.5759
.2000	.2344	.7765	.6115
.2500	.1586	.7576	.6417
.3500	.0026	.7186	.7028
.4500	-.1183	.6885	.7495
.5500	-.1294	.6857	.7537
.6500	-.0308	.7103	.7158
.7500	.0536	.7314	.6830
.8000	.0801	.7380	.6727
.8500	.0854	.7393	.6706
.9000	.0895	.7403	.6690
.9500	.0295	.7254	.6924

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5565	.5791	.9185
.5000	.5427	-.6392	.5585	.9511
.5000	.3454	-.7072	.5415	.9782
.5000	.1480	-.7640	.5273	1.0011
.5000	-.1480	-.7506	.5306	.9957
.5000	-.5427	-.7465	.5317	.9940
.5000	-.7401	-.5652	.5769	.9219

PT 3.6054 ATM
 TT 200.0322 K
 RC 6.0128 MILLION
 MACH .7014
 ALPHA 6.0283 DEG

CN .9136
 CM -.0626
 CC -.0189

CD2 .08361
 CD3 .07020
 CD4 .05590
 CD5 .05176
 CD6 .05187

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.8779	.9377	.3040
.0040	-.5872	.5740	.9264
.0150	-1.2000	.4219	1.1822
.0250	-1.0597	.4567	1.1198
.0400	-1.2552	.4082	1.2076
.0600	-1.4280	.3653	1.2910
.0800	-1.5340	.3390	1.3457
.1000	-1.6165	.3185	1.3905
.1400	-1.6498	.3103	1.4092
.1799	-1.5310	.3397	1.3441
.2201	-1.3692	.3799	1.2619
.2600	-1.2557	.4081	1.2078
.3000	-1.1542	.4333	1.1615
.3400	-1.0036	.4707	1.0957
.3801	-.9461	.4849	1.0714
.4199	-.8999	.4964	1.0521
.4600	-.8278	.5143	1.0224
.5000	-.7645	.5300	.9968
.5400	-.7048	.5448	.9728
.5799	-.6092	.5686	.9351
.6201	-.5468	.5841	.9107
.6600	-.4897	.5982	.8886
.7000	-.4374	.6112	.8684
.7500	-.3572	.6311	.8377
.8000	-.3061	.6438	.8181
.8500	-.2679	.6533	.8035
.9237	-.1934	.6718	.7752
.9749	-.1533	.6817	.7599

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.8779	.9377	.3040
.0040	1.0962	.9919	.1078
.0080	.9715	.9609	.2389
.0262	.7459	.9049	.3798
.0500	.6142	.8722	.4456
.1000	.4311	.8268	.5277
.1500	.3254	.8006	.5721
.2000	.2384	.7790	.6075
.2500	.1621	.7600	.6378
.3500	.0083	.7218	.6979
.4500	-.1121	.6919	.7441
.5500	-.1233	.6892	.7484
.6500	-.0244	.7137	.7105
.7500	.0622	.7352	.6770
.8000	.0909	.7423	.6658
.8500	.0929	.7428	.6650
.9000	.0986	.7443	.6628
.9500	.0414	.7301	.6851

SPANWISE			
X/C	Y/(8/2)	CP	P,L/PT
.5000	.7401	-.5518	.5828
.5000	.5427	-.6889	.5488
.5000	.3454	-.7135	.5427
.5000	.1480	-.7740	.5277
.5000	-.1480	-.7538	.5327
.5000	-.5427	-.7396	.5362
.5000	-.7401	-.5632	.5800

PT 3.6057 ATM
 TT 199.8544 K
 RC 6.0193 MILLION
 MACH .7012
 ALPHA 7.0160 DEG

CN .9349
 CM -.0679
 CC -.0177

CD2 .10603
 CD3 .09765
 CD4 .07369
 CD5 .06361
 CD6 .06739

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.8023	.9192	.3485
.0040	-.7191	.5423	.9770
.0150	-1.4318	.3657	1.2903
.0250	-1.2860	.4013	1.2206
.0400	-1.3777	.3791	1.2635
.0600	-1.4907	.3511	1.3202
.0800	-1.5939	.3255	1.3749
.1000	-1.6771	.3049	1.4215
.1400	-1.6688	.3070	1.4167
.1799	-1.4395	.3638	1.2942
.2201	-1.2575	.4089	1.2064
.2600	-1.1493	.4357	1.1572
.3000	-1.0649	.4566	1.1201
.3400	-.9743	.4790	1.0814
.3801	-.9125	.4943	1.0555
.4199	-.8666	.5057	1.0366
.4600	-.8051	.5210	1.0115
.5000	-.7418	.5366	.9860
.5400	-.6894	.5496	.9652
.5799	-.6273	.5650	.9407
.6201	-.5693	.5794	.9180
.6600	-.5236	.5907	.9003
.7000	-.4823	.6009	.8844
.7500	-.4232	.6156	.8617
.8000	-.3812	.6260	.8456
.8500	-.3481	.6342	.8329
.9237	-.2819	.6506	.8077
.9749	-.2384	.6614	.7911

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.8023	.9192	.3485
.0040	1.1132	.9962	.0735
.0080	1.0141	.9717	.2027
.0262	.7935	.9170	.3534
.0500	.6539	.8824	.4259
.1000	.4681	.8364	.5110
.1500	.3582	.8091	.5577
.2000	.2667	.7865	.5952
.2500	.1875	.7669	.6269
.3500	.0263	.7269	.6899
.4500	-.1022	.6951	.7393
.5500	-.1238	.6898	.7475
.6500	-.0342	.7120	.7132
.7500	.0435	.7312	.6833
.8000	.0681	.7373	.6737
.8500	.0664	.7369	.6744
.9000	.0661	.7368	.6745
.9500	-.0020	.7199	.7009

SPANWISE			
X/C	Y/(8/2)	CP	P,L/PT
.5000	.7401	-.5752	.5779
.5000	.5427	-.6546	.5582
.5000	.3454	-.6928	.5488
.5000	.1480	-.7572	.5328
.5000	-.1480	-.7480	.5351
.5000	-.5427	-.8240	.5163
.5000	-.7401	-.6360	.5628

PT 3.5088 ATM
 TT 199.8149 K
 RC 6.0121 MILLION
 MACH .7313
 ALPHA -.9979 DEG

CN .1986
 CM -.0617
 CC .0102

CD2 .00966
 CD3 .00931
 CD4 .00939
 CD5 .00925
 CD6 .00910

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0872	.9860	.1418	0.0000	1.0872	.9860	.1418	.5000	.7401	-.5041	.5684	.9353
.0040	.9034	.9378	.3039	.0040	-.2783	.6277	.8430	.5000	.5427	-.5260	.5627	.9444
.0150	.4152	.8097	.5569	.0080	-.4155	.5917	.8988	.5000	.3454	-.5315	.5612	.9467
.0250	.1846	.7492	.6551	.0262	-.2199	.6430	.8194	.5000	.1480	-.5351	.5603	.9482
.0400	-.0868	.6779	.7657	.0500	-.1167	.6701	.7777	.5000	-.1480	-.5468	.5572	.9531
.0600	-.2852	.6259	.8458	.1000	-.1695	.6562	.7990	.5000	-.5427	-.5302	.5616	.9461
.0800	-.3987	.5961	.8919	.1500	-.1923	.6502	.8082	.5000	-.7401	-.5086	.5673	.9372
.1000	-.4931	.5713	.9308	.2000	-.2241	.6419	.8211					
.1400	-.5150	.5656	.9398	.2500	-.2598	.6325	.8355					
.1799	-.5305	.5615	.9463	.3500	-.3723	.6030	.8811					
.2201	-.5181	.5647	.9411	.4500	-.4479	.5832	.9121					
.2600	-.5033	.5686	.9350	.5500	-.3370	.6123	.8668					
.3000	-.4902	.5721	.9296	.6500	-.1306	.6664	.7834					
.3400	-.4964	.5704	.9321	.7500	.0225	.7066	.7215					
.3801	-.5022	.5689	.9345	.8000	.0806	.7218	.6979					
.4199	-.5133	.5660	.9391	.8500	.1268	.7340	.6790					
.4600	-.5254	.5628	.9442	.9000	.1656	.7442	.6630					
.5000	-.5432	.5582	.9516	.9500	.1801	.7480	.6570					
.5400	-.5588	.5541	.9581									
.5799	-.5724	.5505	.9638									
.6201	-.5751	.5498	.9649									
.6600	-.5485	.5568	.9538									
.7000	-.4892	.5723	.9291									
.7500	-.3741	.6025	.8819									
.8000	-.2353	.6390	.8256									
.8500	-.0795	.6798	.7628									
.9237	.0912	.7247	.6935									
.9749	.1701	.7454	.6611									

PT 3.5088 ATM
 TT 199.7943 K
 RC 6.0037 MILLION
 MACH .7294
 ALPHA .0204 DEG

CN .3329
 CM -.0598
 CC .0083

CD2 .60989
 CD3 .00962
 CD4 .00952
 CD5 .00931
 CD6 .00906

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1318	.9976	.0590	0.0000	1.1318	.9976	.0590	.5000	.7401	-.5630	.5516	.9620
.0040	.7289	.8915	.4677	.0040	.1510	.7395	.6703	.5000	.5427	-.5862	.5455	.9717
.0150	.2145	.7562	.6439	.0080	-.0164	.6955	.7387	.5000	.3454	-.5912	.5442	.9739
.0250	-.0072	.6979	.7350	.0262	.0193	.7048	.7242	.5000	.1480	-.5953	.5431	.9756
.0400	-.2900	.6235	.8495	.0500	.0253	.7064	.7218	.5000	-.1480	-.6082	.5397	.9810
.0600	-.4811	.5732	.9278	.1000	-.0508	.6864	.7527	.5000	-.5427	-.5904	.5444	.9735
.0800	-.6043	.5408	.9794	.1500	-.0853	.6773	.7666	.5000	-.7401	-.5684	.5502	.9642
.1000	-.7139	.5119	1.0263	.2000	-.1291	.6658	.7844					
.1400	-.7146	.5118	1.0266	.2500	-.1777	.6530	.8040					
.1799	-.7346	.5065	1.0353	.3500	-.2982	.6213	.8528					
.2201	-.6625	.5255	1.0041	.4500	-.3871	.5979	.8891					
.2600	-.6215	.5362	.9867	.5500	-.3041	.6197	.8552					
.3000	-.5911	.5442	.9738	.6500	-.1135	.6699	.7781					
.3400	-.5877	.5451	.9724	.7500	.0326	.7083	.7188					
.3801	-.5843	.5460	.9709	.8000	.0875	.7228	.6964					
.4199	-.5870	.5453	.9721	.8500	.1276	.7333	.6800					
.4600	-.5920	.5440	.9742	.9000	.1632	.7427	.6653					
.5000	-.6045	.5407	.9795	.9500	.1727	.7452	.6614					
.5400	-.6126	.5386	.9829									
.5799	-.6152	.5379	.9840									
.6201	-.6072	.5400	.9806									
.6600	-.5690	.5500	.9645									
.7000	-.4980	.5687	.9348									
.7500	-.3730	.6016	.8833									
.8000	-.2297	.6393	.8250									
.8500	-.0764	.6796	.7631									
.9237	.0867	.7226	.6967									
.9749	.1547	.7405	.6688									

PT 3.5097 ATM
 TT 199.7987 K
 RC 6.0185 MILLION
 MACH .7322
 ALPHA .9877 DEG

CN .4796
 CM -.0578
 CC .0030

CD2 .01064
 CD3 .01033
 CD4 .01048
 CD5 .01004
 CD6 .00985

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1382	.9989	.0404	0.0000	1.1382	.9989	.0404	.5000	.7401	-.6093	.5362	.9867
.0040	.5406	.8406	.5035	.0040	.4708	.8222	.5357	.5000	.5427	-.6271	.5315	.9943
.0150	.0225	.7035	.7263	.0080	.2779	.7711	.6202	.5000	.3454	-.6272	.5315	.9943
.0250	-.1760	.6509	.8072	.0262	.2158	.7547	.6464	.5000	.1480	-.6278	.5313	.9946
.0400	-.4695	.5733	.9277	.0500	.1671	.7418	.6667	.5000	-.1480	-.6410	.5279	1.0003
.0600	-.6427	.5274	1.0010	.1000	.0561	.7124	.7125	.5000	-.5427	-.6306	.5306	.9958
.0800	-.7712	.4934	1.0571	.1500	.0135	.7011	.7300	.5000	-.7401	-.6162	.5344	.9896
.1000	-.9061	.4577	1.1182	.2000	-.0416	.6865	.7525					
.1400	-.9461	.4471	1.1368	.2500	-.0975	.6717	.7752					
.1799	-.9972	.4336	1.1610	.3500	-.2270	.6375	.8279					
.2201	-1.0059	.4313	1.1652	.4500	-.3267	.6111	.8687					
.2600	-.9930	.4347	1.1590	.5500	-.2640	.6277	.8430					
.3000	-.8968	.4661	1.1139	.6500	-.0883	.6742	.7715					
.3400	-.6501	.5255	1.0041	.7500	.0492	.7106	.7154					
.3801	-.5778	.5446	.9732	.8000	.1003	.7241	.6944					
.4199	-.5944	.5402	.9803	.8500	.1374	.7339	.6791					
.4600	-.6148	.5348	.9890	.9000	.1699	.7425	.6655					
.5000	-.6378	.5287	.9989	.9500	.1744	.7437	.6637					
.5400	-.6469	.5263	1.0028									
.5799	-.6457	.5266	1.0023									
.6201	-.6287	.5311	.9950									
.6600	-.5781	.5445	.9733									
.7000	-.4998	.5653	.9403									
.7500	-.3690	.5999	.8860									
.8000	-.2222	.6387	.8260									
.8500	-.0697	.6791	.7639									
.9237	.0861	.7203	.7002									
.9749	.1498	.7372	.6739									

PT 3.5087 ATM
 TT 199.8118 K
 RC 6.0185 MILLION
 MACH .7326
 ALPHA 2.0162 DEG

CN .6609
 CM -.0628
 CC -.0041

CD2 .01442
 CD3 .01428
 CD4 .01461
 CD5 .01423
 CD6 .01354

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1391	.9992	.0338	0.0000	1.1391	.9992	.0338	.5000	.7401	-.5739	.5464	.9703
.0040	.3203	.7828	.6013	.0040	.7146	.8870	.4169	.5000	.5427	-.5262	.5590	.9502
.0150	-.1822	.6499	.8087	.0080	.5161	.8345	.5143	.5000	.3454	-.5445	.5542	.9579
.0250	-.3500	.6056	.8771	.0262	.3800	.7985	.5754	.5000	.1480	-.5815	.5444	.9735
.0400	-.6499	.5263	1.0028	.0500	.3031	.7782	.6087	.5000	-.1480	-.5944	.5410	.9790
.0600	-.8189	.4817	1.0769	.1000	.1644	.7416	.6671	.5000	-.5427	-.5178	.5612	.9467
.0800	-.9191	.4552	1.1226	.1500	.1083	.7267	.6903	.5000	-.7401	-.5622	.5495	.9654
.1000	-1.0477	.4212	1.1835	.2000	.0431	.7095	.7170					
.1400	-1.0979	.4079	1.2082	.2500	-.0166	.6937	.7414					
.1799	-1.1696	.3890	1.2443	.3500	-.1502	.6584	.7957					
.2201	-1.1846	.3850	1.2520	.4500	-.2561	.6304	.8388					
.2600	-1.1860	.3846	1.2527	.5500	-.2117	.6422	.8207					
.3000	-1.1820	.3857	1.2506	.6500	-.0528	.6841	.7561					
.3400	-1.1781	.3867	1.2486	.7500	.0753	.7180	.7039					
.3801	-1.1690	.3891	1.2440	.8000	.1241	.7309	.6837					
.4199	-1.1618	.3910	1.2403	.8500	.1585	.7400	.6695					
.4600	-.9149	.4563	1.1207	.9000	.1895	.7482	.6566					
.5000	-.6023	.5389	.9824	.9500	.1925	.7490	.6554					
.5400	-.5303	.5579	.9519									
.5799	-.5279	.5586	.9509									
.6201	-.5376	.5560	.9550									
.6600	-.5202	.5606	.9477									
.7000	-.4682	.5743	.9260									
.7500	-.3550	.6043	.8792									
.8000	-.2199	.6400	.8240									
.8500	-.0729	.6788	.7643									
.9237	.0905	.7220	.6976									
.9749	.1655	.7418	.6666									

PT 3.5088 ATM
 TT 199.8384 K
 RC 6.0185 MILLION
 MACH .7328
 ALPHA 3.0141 DEG

CN .8234
 CM -.0741
 CC -.0099

CD2 .02507
 CD3 .02479
 CD4 .02542
 CD5 .02515
 CD6 .02358

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1137	.9927	.1022	0.0000	1.1137	.9927	.1022	.5000	.7401	-.6718	.5224	1.0092
.0040	.0989	.7254	.6924	.0040	.8782	.9307	.3215	.5000	.5427	-.8679	.4707	1.0956
.0150	-.3856	.5978	.8893	.0080	.6866	.8802	.4303	.5000	.3454	-1.1699	.3912	1.2400
.0250	-.5164	.5633	.9434	.0262	.5095	.8335	.5160	.5000	.1480	-1.3014	.3565	1.3090
.0400	-.8227	.4826	1.0753	.0500	.4082	.8069	.5616	.5000	-.1480	-1.3330	.3482	1.3262
.0600	-.9840	.4401	1.1492	.1000	.2533	.7661	.6282	.5000	-.5427	-.9182	.4575	1.1186
.0800	-1.0914	.4119	1.2008	.1500	.1864	.7484	.6563	.5000	-.7401	-.6714	.5225	1.0090
.1000	-1.1771	.3893	1.2437	.2000	.0979	.7251	.6928					
.1400	-1.2336	.3744	1.2729	.2500	.0507	.7127	.7121					
.1799	-1.3024	.3563	1.3095	.3500	-.1010	.6727	.7737					
.2201	-1.3205	.3515	1.3194	.4500	-.1962	.6476	.8122					
.2600	-1.3244	.3505	1.3215	.5500	-.1707	.6544	.8019					
.3000	-1.3241	.3505	1.3214	.6500	-.0271	.6922	.7438					
.3400	-1.3277	.3496	1.3234	.7500	.0923	.7236	.6951					
.3801	-1.3231	.3508	1.3208	.8000	.1381	.7357	.6763					
.4199	-1.3275	.3497	1.3232	.8500	.1660	.7431	.6647					
.4600	-1.3296	.3491	1.3244	.9000	.1942	.7505	.6530					
.5000	-1.3174	.3523	1.3177	.9500	.1914	.7498	.6542					
.5400	-.8166	.4842	1.0726									
.5799	-.6536	.5272	1.0014									
.6201	-.5472	.5552	.9563									
.6600	-.4609	.5779	.9203									
.7000	-.3905	.5965	.8913									
.7500	-.2695	.6231	.8501									
.8000	-.1813	.6516	.8062									
.8500	-.0616	.6831	.7578									
.9237	.0808	.7206	.6998									
.9749	.1532	.7397	.6700									

PT 3.5089 ATM
 TT 199.9228 K
 RC 6.0252 MILLION
 MACH .7349
 ALPHA 3.5233 DEG

CN .8592
 CM -.0740
 CC -.0105

CD2 .03883
 CD3 .03695
 CD4 .03558
 CD5 .03463
 CD6 .03279

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0965	.9882	.1300	0.0000	1.0965	.9882	.1300	.5000	.7401	-.7456	.5033	1.0406
.0040	.0077	.7016	.7292	.0040	.9298	.9443	.2868	.5000	.5427	-.9545	.4483	1.1347
.0150	-.4658	.5769	.9219	.0080	.7454	.8958	.3990	.5000	.3454	-1.1248	.4035	1.2165
.0250	-.5790	.5472	.9691	.0262	.5536	.8453	.4952	.5000	.1480	-1.1520	.3963	1.2301
.0400	-.8800	.4679	1.1004	.0500	.4469	.8172	.5441	.5000	-.1480	-1.2055	.3822	1.2574
.0600	-1.0428	.4251	1.1764	.1000	.2855	.7747	.6143	.5000	-.5427	-1.0241	.4300	1.1675
.0800	-1.1499	.3969	1.2291	.1500	.2140	.7559	.6444	.5000	-.7401	-.8134	.4855	1.0705
.1000	-1.2346	.3746	1.2725	.2000	.1232	.7320	.6821					
.1400	-1.2862	.3610	1.2998	.2500	.0731	.7188	.7026					
.1799	-1.3505	.3441	1.3350	.3500	-.0820	.6780	.7656					
.2201	-1.3696	.3390	1.3456	.4500	-.1822	.6516	.8061					
.2600	-1.3720	.3384	1.3470	.5500	-.1650	.6562	.7992					
.3000	-1.3724	.3383	1.3472	.6500	-.0277	.6923	.7436					
.3400	-1.3789	.3366	1.3509	.7500	.0872	.7225	.6968					
.3801	-1.3735	.3380	1.3478	.8000	.1306	.7339	.6790					
.4199	-1.3753	.3375	1.3489	.8500	.1533	.7399	.6696					
.4600	-1.3645	.3404	1.3427	.9000	.1769	.7461	.6599					
.5000	-1.1386	.3999	1.2234	.9500	.1630	.7425	.6656					
.5400	-.8003	.4889	1.0646									
.5799	-.6924	.5173	1.0175									
.6201	-.5980	.5422	.9771									
.6600	-.4942	.5695	.9336									
.7000	-.3974	.5950	.8937									
.7500	-.2766	.6268	.8444									
.8000	-.1705	.6547	.8014									
.8500	-.0799	.6786	.7647									
.9237	.0414	.7105	.7155									
.9749	.0970	.7251	.6928									

PT 3.5090 ATM
 TT 200.0499 K
 RC 6.0229 MILLION
 MACH .7355
 ALPHA 4.0426 DEG

CN .8316
 CM -.0653
 CC -.0083

CD2 .05344
 CD3 .04902
 CD4 .04402
 CD5 .04148
 CD6 .03934

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0823	.9846	.1489	0.0000	1.0823	.9846	.1489	.5000	.7401	-.7117	.5129	1.0247
.0040	-.0633	.6834	.7573	.0040	.9677	.9545	.2585	.5000	.5427	-.8203	.4844	1.0723
.0150	-.5290	.5610	.9471	.0080	.7898	.9077	.3740	.5000	.3454	-.8433	.4783	1.0826
.0250	-.6293	.5346	.9893	.0262	.5881	.8546	.4784	.5000	.1480	-.8083	.4875	1.0670
.0400	-.9223	.4576	1.1184	.0500	.4785	.8258	.5294	.5000	-.1480	-.8311	.4815	1.0771
.0600	-1.0884	.4139	1.1970	.1000	.3108	.7818	.6030	.5000	-.5427	-.8771	.4695	1.0978
.0800	-1.1949	.3859	1.2502	.1500	.2340	.7616	.6354	.5000	-.7401	-.7243	.5096	1.0301
.1000	-1.2827	.3628	1.2961	.2000	.1410	.7371	.6741					
.1400	-1.3290	.3506	1.3212	.2500	.0891	.7235	.6954					
.1799	-1.3892	.3348	1.3547	.3500	-.0748	.6804	.7620					
.2201	-1.4080	.3299	1.3654	.4500	-.1821	.6522	.8053					
.2600	-1.4101	.3293	1.3666	.5500	-.1707	.6552	.8007					
.3000	-1.4079	.3299	1.3654	.6500	-.0401	.6895	.7479					
.3400	-1.3740	.3388	1.3461	.7500	.0678	.7179	.7041					
.3801	-1.2362	.3750	1.2715	.8000	.1071	.7282	.6880					
.4199	-1.0785	.4165	1.1922	.8500	.1234	.7325	.6813					
.4600	-.9461	.4513	1.1294	.9000	.1395	.7367	.6747					
.5000	-.7993	.4899	1.0630	.9500	.1033	.7272	.6895					
.5400	-.7014	.5156	1.0202									
.5799	-.6360	.5328	.9922									
.6201	-.5562	.5538	.9585									
.6600	-.4734	.5756	.9240									
.7000	-.3999	.5949	.8938									
.7500	-.2982	.6216	.8523									
.8000	-.2153	.6434	.8187									
.8500	-.1466	.6615	.7910									
.9237	-.0662	.6826	.7585									
.9749	-.0183	.6952	.7391									

PT 3.5095 ATM
 TT 199.8350 K
 RC 6.0251 MILLION
 MACH .7339
 ALPHA 4.5212 DEG

CN .7971
 CM -.0609
 CC -.0037

CD2 .06578
 CD3 .05957
 CD4 .05079
 CD5 .04602
 CD6 .04391

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0659	.9799	.1703	0.0000	1.0659	.9799	.1703	.5000	.7401	-.6791	.5189	1.0148
.0040	-.1074	.6699	.7780	.0040	.9893	.9597	.2428	.5000	.5427	-.7602	.4975	1.0502
.0150	-.5688	.5481	.9676	.0080	.8152	.9137	.3609	.5000	.3454	-.7433	.5020	1.0428
.0250	-.6574	.5247	1.0054	.0262	.6095	.8593	.4698	.5000	.1480	-.7045	.5122	1.0258
.0400	-.9436	.4491	1.1333	.0500	.4960	.8294	.5233	.5000	-.1480	-.7230	.5073	1.0339
.0600	-1.1106	.4050	1.2137	.1000	.3256	.7843	.5987	.5000	-.5427	-.8266	.4800	1.0798
.0800	-1.2152	.3773	1.2671	.1500	.2400	.7617	.6352	.5000	-.7401	-.7009	.5132	1.0243
.1000	-1.3025	.3542	1.3137	.2000	.1504	.7381	.6726					
.1400	-1.3504	.3416	1.3402	.2500	.0953	.7235	.6953					
.1799	-1.4083	.3263	1.3732	.3500	-.0736	.6789	.7642					
.2201	-1.4247	.3220	1.3828	.4500	-.1902	.6481	.8116					
.2600	-1.4098	.3259	1.3741	.5500	-.1864	.6491	.8100					
.3000	-1.3512	.3414	1.3406	.6500	-.0609	.6822	.7591					
.3400	-1.1675	.3899	1.2424	.7500	.0420	.7094	.7172					
.3801	-.9537	.4464	1.1381	.8000	.0773	.7187	.7027					
.4199	-.8440	.4754	1.0876	.8500	.0865	.7212	.6989					
.4600	-.7650	.4962	1.0523	.9000	.0959	.7236	.6951					
.5000	-.6969	.5142	1.0225	.9500	.0442	.7100	.7163					
.5400	-.6388	.5296	.9975									
.5799	-.5844	.5440	.9742									
.6201	-.5176	.5616	.9461									
.6600	-.4564	.5778	.9206									
.7000	-.4008	.5924	.8976									
.7500	-.3316	.6107	.8692									
.8000	-.2741	.6259	.8457									
.8500	-.2293	.6378	.8275									
.9237	-.1726	.6527	.8044									
.9749	-.1371	.6621	.7900									

PT 3.5104 ATM
 TT 200.0095 K
 RC 6.0120 MILLION
 MACH .7324
 ALPHA 5.0327 DEG

CN .7861
 CM -.0613
 CC -.0001

CD2 .08150
 CD3 .07181
 CD4 .05710
 CD5 .05030
 CD6 .04752

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0407	.9731	.1973
.0040	-.1801	.6502	.8083
.0150	-.6378	.5291	.9982
.0250	-.7063	.5110	1.0279
.0400	-.9838	.4376	1.1538
.0600	-1.1507	.3935	1.2356
.0800	-1.2549	.3659	1.2899
.1000	-1.3384	.3438	1.3355
.1400	-1.3889	.3304	1.3642
.1799	-1.4425	.3162	1.3956
.2201	-1.4429	.3162	1.3958
.2600	-1.3536	.3398	1.3441
.3000	-1.1587	.3913	1.2397
.3400	-.8992	.4600	1.1142
.3801	-.8000	.4862	1.0692
.4199	-.7624	.4961	1.0525
.4600	-.7144	.5088	1.0314
.5000	-.6631	.5224	1.0091
.5400	-.6154	.5350	.9886
.5799	-.5691	.5473	.9689
.6201	-.5143	.5618	.9458
.6600	-.4657	.5746	.9255
.7000	-.4266	.5850	.9093
.7500	-.3819	.5968	.8908
.8000	-.3391	.6081	.8732
.8500	-.2953	.6197	.8553
.9237	-.2577	.6296	.8399
.9749	-.2158	.6408	.8228

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0407	.9731	.1973
.0040	1.0170	.9669	.2196
.0080	.8496	.9226	.3407
.0262	.6377	.8665	.4564
.0500	.5225	.8360	.5117
.1000	.3457	.7893	.5907
.1500	.2478	.7634	.6326
.2000	.1646	.7414	.6674
.2500	.1066	.7260	.6914
.3500	-.0664	.6803	.7621
.4500	-.1909	.6473	.8127
.5500	-.1938	.6466	.8139
.6500	-.0753	.6779	.7657
.7500	.0225	.7038	.7259
.8000	.0527	.7118	.7135
.8500	.0586	.7133	.7111
.9000	.0633	.7146	.7092
.9500	.0016	.6983	.7344

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6699	.5206	1.0121
.5000	.5427	-.7088	.5103	1.0289
.5000	.3454	-.7040	.5116	1.0268
.5000	.1480	-.6734	.5197	1.0135
.5000	-.1480	-.6943	.5142	1.0226
.5000	-.5427	-.8145	.4824	1.0757
.5000	-.7401	-.6691	.5208	1.0117

PT 3.5095 ATM
 TT 199.8416 K
 RC 6.0181 MILLION
 MACH .7325
 ALPHA 5.9977 DEG

CN .8061
 CM -.0712
 CC .0043

CD2 .10606
 CD3 .09573
 CD4 .07239
 CD5 .05849
 CD6 .05901

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.9816	.9577	.2490
.0040	-.3312	.6110	.8688
.0150	-.8058	.4857	1.0701
.0250	-.8206	.4818	1.0768
.0400	-1.0667	.4168	1.1917
.0600	-1.2351	.3723	1.2770
.0800	-1.3348	.3460	1.3310
.1000	-1.4165	.3244	1.3774
.1400	-1.4648	.3116	1.4061
.1799	-1.3912	.3311	1.3628
.2201	-1.1875	.3849	1.2523
.2600	-1.0255	.4276	1.1718
.3000	-.9253	.4541	1.1245
.3400	-.8213	.4816	1.0771
.3801	-.7777	.4931	1.0577
.4199	-.7453	.5016	1.0434
.4600	-.7072	.5117	1.0267
.5000	-.6644	.5230	1.0082
.5400	-.6325	.5314	.9945
.5799	-.5945	.5415	.9783
.6201	-.5555	.5517	.9618
.6600	-.5222	.5605	.9478
.7000	-.4955	.5676	.9366
.7500	-.4573	.5777	.9207
.8000	-.4247	.5863	.9072
.8500	-.3940	.5944	.8945
.9237	-.3428	.6079	.8735
.9749	-.2963	.6202	.8545

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.9816	.9577	.2490
.0040	1.0674	.9803	.1685
.0080	.9182	.9409	.2958
.0262	.6981	.8828	.4252
.0500	.5776	.8510	.4851
.1000	.3936	.8024	.5691
.1500	.2892	.7748	.6142
.2000	.2033	.7521	.6504
.2500	.1414	.7358	.6762
.3500	-.0367	.6888	.7491
.4500	-.1693	.6537	.8029
.5500	-.1845	.6497	.8090
.6500	-.0769	.6781	.7654
.7500	.0130	.7019	.7288
.8000	.0390	.7087	.7182
.8500	.0393	.7088	.7181
.9000	.0384	.7086	.7185
.9500	-.0337	.6896	.7478

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.7173	.5090	1.0311
.5000	.5427	-.7019	.5131	1.0244
.5000	.3454	-.6936	.5153	1.0208
.5000	.1480	-.6839	.5178	1.0166
.5000	-.1480	-.6988	.5139	1.0231
.5000	-.5427	-.8232	.4811	1.0779
.5000	-.7401	-.6994	.5138	1.0233

PT 3.4472 ATM
 TT 199.7663 K
 RC 5.9942 MILLION
 MACH .7495
 ALPHA -.9979 DEG

CN .1989
 CM -.0621
 CC .0105

CD2 .00993
 CD3 .00964
 CD4 .00965
 CD5 .00953
 CD6 .00940

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0904	.9841	.1510	0.0000	1.0904	.9841	.1510	.5000	.7401	-.5276	.5443	.9737
.0040	.9186	.9374	.3048	.0040	-.2816	.6112	.8685	.5000	.5427	-.5542	.5371	.9854
.0150	.4359	.8062	.5627	.0080	-.4312	.5705	.9321	.5000	.3454	-.5616	.5350	.9886
.0250	.2055	.7436	.6639	.0262	-.2290	.6255	.8464	.5000	.1480	-.5658	.5339	.9905
.0400	-.0658	.6698	.7782	.0500	-.1215	.6547	.8014	.5000	-.1480	-.5790	.5303	.9962
.0600	-.2681	.6148	.8628	.1000	-.1785	.6392	.8253	.5000	-.5427	-.5594	.5357	.9876
.0800	-.3890	.5820	.9140	.1500	-.2016	.6329	.8349	.5000	-.7401	-.5355	.5421	.9772
.1000	-.4909	.5543	.9578	.2000	-.2361	.6235	.8494					
.1400	-.5288	.5440	.9742	.2500	-.2731	.6135	.8649					
.1799	-.5528	.5374	.9848	.3500	-.3967	.5799	.9173					
.2201	-.5428	.5402	.9803	.4500	-.4841	.5561	.9548					
.2600	-.5285	.5440	.9741	.5500	-.3545	.5914	.8993					
.3000	-.5142	.5479	.9679	.6500	-.1369	.6505	.8079					
.3400	-.5188	.5467	.9699	.7500	.0180	.6926	.7431					
.3801	-.5272	.5444	.9735	.8000	.0766	.7085	.7185					
.4199	-.5396	.5410	.9790	.8500	.1247	.7216	.6983					
.4600	-.5550	.5369	.9857	.9000	.1630	.7320	.6820					
.5000	-.5758	.5312	.9949	.9500	.1755	.7354	.6767					
.5400	-.5943	.5262	1.0030									
.5799	-.6112	.5216	1.0105									
.6201	-.6157	.5204	1.0125									
.6600	-.5732	.5319	.9937									
.7000	-.4978	.5524	.9607									
.7500	-.3698	.5872	.9058									
.8000	-.2235	.6270	.8441									
.8500	-.0675	.6694	.7789									
.9237	.0914	.7126	.7123									
.9749	.1651	.7326	.6811									

PT 3.4472 ATM
 TT 199.7423 K
 RC 6.0064 MILLION
 MACH .7519
 ALPHA .0000 DEG

CN .3344
 CM -.0600
 CC .0088

CD2 .01032
 CD3 .01001
 CD4 .00992
 CD5 .00975
 CD6 .00945

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1417	.9978	.0559	0.0000	1.1417	.9978	.0559	.5000	.7401	-.5907	.5251	1.0047
.0040	.7667	.8955	.3997	.0040	.1309	.7220	.6976	.5000	.5427	-.6161	.5182	1.0160
.0150	.2587	.7569	.6429	.0080	-.0376	.6760	.7686	.5000	.3454	-.6218	.5166	1.0186
.0250	.0376	.6966	.7370	.0262	.0085	.6886	.7493	.5000	.1480	-.6289	.5147	1.0218
.0400	-.2436	.6198	.8551	.0500	.0188	.6914	.7449	.5000	-.1480	-.6407	.5115	1.0271
.0600	-.4362	.5673	.9371	.1000	-.0558	.6711	.7763	.5000	-.5427	-.6204	.5170	1.0179
.0800	-.5649	.5322	.9933	.1500	-.0917	.6613	.7913	.5000	-.7401	-.5939	.5243	1.0061
.1000	-.6894	.4982	1.0491	.2000	-.1367	.6490	.8102					
.1400	-.7093	.4928	1.0582	.2500	-.1873	.6352	.8314					
.1799	-.7770	.4743	1.0895	.3500	-.3147	.6004	.8852					
.2201	-.7828	.4727	1.0922	.4500	-.4153	.5730	.9281					
.2600	-.6991	.4955	1.0535	.5500	-.3203	.5989	.8875					
.3000	-.6014	.5222	1.0095	.6500	-.1166	.6545	.8017					
.3400	-.5839	.5270	1.0017	.7500	.0339	.6955	.7386					
.3801	-.5945	.5241	1.0064	.8000	.0896	.7108	.7151					
.4199	-.6046	.5213	1.0109	.8500	.1299	.7217	.6981					
.4600	-.6170	.5180	1.0164	.9000	.1651	.7314	.6831					
.5000	-.6381	.5122	1.0259	.9500	.1741	.7338	.6793					
.5400	-.6507	.5087	1.0316									
.5799	-.6541	.5078	1.0331									
.6201	-.6445	.5104	1.0288									
.6600	-.5793	.5282	.9997									
.7000	-.4893	.5528	.9601									
.7500	-.3540	.5897	.9019									
.8000	-.2086	.6294	.8404									
.8500	-.0596	.6700	.7778									
.9237	.0921	.7114	.7141									
.9749	.1535	.7282	.6880									

PT 3.4476 ATM
 TT 199.9529 K
 RC 5.9961 MILLION
 MACH .7514
 ALPHA 1.0285 DEG

CN .5056
 CM -.0611
 CC .0036

CD2 .01194
 CD3 .01161
 CD4 .01155
 CD5 .01115
 CD6 .01062

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1458	.9991	.0357	0.0000	1.1458	.9991	.0357	.5000	.7401	-.6034	.5230	1.0082
.0040	.5769	.8442	.4972	.0040	.4597	.8123	.5524	.5000	.5427	-.5757	.5305	.9959
.0150	.0652	.7050	.7240	.0080	.2675	.7600	.6379	.5000	.3454	-.5371	.5410	.9790
.0250	-.1325	.6512	.8068	.0262	.2124	.7450	.6616	.5000	.1480	-.5437	.5392	.9818
.0400	-.4233	.5720	.9297	.0500	.1648	.7321	.6819	.5000	-.1480	-.5503	.5374	.9848
.0600	-.5982	.5244	1.0059	.1000	.0535	.7018	.7290	.5000	-.5427	-.5691	.5323	.9930
.0800	-.7236	.4903	1.0624	.1500	.0134	.6909	.7458	.5000	-.7401	-.6064	.5222	1.0095
.1000	-.8591	.4534	1.1258	.2000	-.0428	.6756	.7693					
.1400	-.9097	.4396	1.1502	.2500	-.0992	.6602	.7929					
.1799	-.9718	.4227	1.1807	.3500	-.2329	.6238	.8489					
.2201	-.9911	.4175	1.1904	.4500	-.3396	.5948	.8940					
.2600	-.9933	.4169	1.1915	.5500	-.2710	.6135	.8650					
.3000	-.9873	.4185	1.1885	.6500	-.0872	.6635	.7879					
.3400	-.9903	.4177	1.1900	.7500	.0527	.7016	.7293					
.3801	-.9802	.4204	1.1850	.8000	.1057	.7160	.7070					
.4199	-.9329	.4333	1.1615	.8500	.1432	.7262	.6911					
.4600	-.6900	.4994	1.0471	.9000	.1760	.7351	.6772					
.5000	-.5578	.5354	.9880	.9500	.1805	.7364	.6753					
.5400	-.5548	.5362	.9867									
.5799	-.5848	.5281	.9999									
.6201	-.6039	.5228	1.0084									
.6600	-.5652	.5334	.9913									
.7000	-.4852	.5552	.9564									
.7500	-.3536	.5910	.8999									
.8000	-.2098	.6301	.8392									
.8500	-.0623	.6703	.7775									
.9237	.0914	.7121	.7130									
.9749	.1562	.7297	.6856									

PT 3.4475 ATM
 TT 200.1050 K
 RC 5.9904 MILLION
 MACH .7516
 ALPHA 2.0060 DEG

CN .6594
 CM -.0760
 CC .0036

CD2 .02044
 CD3 .02033
 CD4 .02029
 CD5 .01930
 CD6 .01604

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1462	.9981	.0524	0.0000	1.1462	.9981	.0524	.5000	.7401	-1.0615	.3873	1.2475
.0040	.4216	.7976	.5770	.0040	.6551	.8622	.4645	.5000	.5427	-1.1168	.3720	1.2775
.0150	-.0745	.6604	.7927	.0080	.4622	.8088	.5583	.5000	.3454	-1.1685	.3577	1.3065
.0250	-.2464	.6128	.8660	.0262	.3480	.7773	.6102	.5000	.1480	-1.1616	.3596	1.3026
.0400	-.5393	.5318	.9939	.0500	.2787	.7581	.6410	.5000	-.1480	-1.1666	.3582	1.3055
.0600	-.7084	.4850	1.0712	.1000	.1434	.7207	.6997	.5000	-.5427	-1.1531	.3620	1.2978
.0800	-.8094	.4571	1.1193	.1500	.0916	.7063	.7220	.5000	-.7401	-1.0841	.3811	1.2597
.1000	-.9439	.4198	1.1860	.2000	.0082	.6833	.7575					
.1400	-.9970	.4052	1.2133	.2500	-.0350	.6713	.7759					
.1799	-1.0709	.3847	1.2525	.3500	-.1870	.6292	.8406					
.2201	-1.0934	.3785	1.2647	.4500	-.2915	.6003	.8853					
.2600	-1.1024	.3760	1.2697	.5500	-.2447	.6133	.8652					
.3000	-1.1069	.3748	1.2721	.6500	-.0732	.6607	.7921					
.3400	-1.1132	.3730	1.2756	.7500	.0603	.6977	.7353					
.3801	-1.1142	.3727	1.2761	.8000	.1088	.7111	.7146					
.4199	-1.1220	.3706	1.2805	.8500	.1387	.7194	.7018					
.4600	-1.1321	.3678	1.2860	.9000	.1666	.7271	.6898					
.5000	-1.1577	.3607	1.3004	.9500	.1541	.7236	.6952					
.5400	-1.1367	.3665	1.2886									
.5799	-.8087	.4573	1.1190									
.6201	-.5699	.5233	1.0076									
.6600	-.4670	.5518	.9617									
.7000	-.3858	.5742	.9261									
.7500	-.2749	.6049	.8782									
.8000	-.1735	.6330	.8348									
.8500	-.0668	.6625	.7894									
.9237	.0333	.6902	.7468									
.9749	.0929	.7067	.7214									

PT 3.4478 ATM
 TT 200.0246 K
 RC 5.9962 MILLION
 MACH .7520
 ALPHA 2.5355 DEG

CN .7180
 CM -.0744
 CC .0007

CD2 .03034
 CD3 .02939
 CD4 .02837
 CD5 .02683
 CD6 .02217

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1439	.9984	.0479	0.0000	1.1439	.9984	.0479	.5000	.7401	-1.0611	.3964	1.2300
.0040	.3028	.7688	.6239	.0040	.7583	.8931	.4046	.5000	.5427	-1.1963	.3595	1.3029
.0150	-.1883	.6347	.8322	.0080	.5654	.8404	.5039	.5000	.3454	-1.2493	.3450	1.3330
.0250	-.3456	.5917	.8987	.0262	.4187	.8004	.5724	.5000	.1480	-1.2244	.3518	1.3188
.0400	-.6416	.5109	1.0280	.0500	.3391	.7787	.6080	.5000	-.1480	-1.2238	.3520	1.3184
.0600	-.8114	.4646	1.1063	.1000	.1921	.7385	.6719	.5000	-.5427	-1.2423	.3469	1.3290
.0800	-.9148	.4363	1.1561	.1500	.1336	.7226	.6968	.5000	-.7401	-1.1287	.3779	1.2658
.1000	-1.0366	.4031	1.2173	.2000	.0467	.6988	.7335					
.1400	-1.0803	.3911	1.2401	.2500	.0020	.6866	.7523					
.1799	-1.1536	.3711	1.2794	.3500	-.1541	.6440	.8178					
.2201	-1.1753	.3652	1.2913	.4500	-.2581	.6156	.8616					
.2600	-1.1845	.3627	1.2964	.5500	-.2215	.6256	.8462					
.3000	-1.1882	.3617	1.2984	.6500	-.0624	.6690	.7794					
.3400	-1.1935	.3602	1.3014	.7500	.0619	.7030	.7271					
.3801	-1.1941	.3601	1.3017	.8000	.1072	.7153	.7080					
.4199	-1.2014	.3581	1.3058	.8500	.1369	.7235	.6954					
.4600	-1.2080	.3563	1.3095	.9000	.1601	.7298	.6855					
.5000	-1.1967	.3594	1.3032	.9500	.1460	.7259	.6915					
.5400	-.9787	.4189	1.1878									
.5799	-.6778	.5010	1.0444									
.6201	-.5585	.5336	.9909									
.6600	-.4718	.5573	.9530									
.7000	-.3920	.5790	.9186									
.7500	-.2794	.6098	.8706									
.8000	-.1788	.6373	.8282									
.8500	-.0823	.6636	.7877									
.9237	.0093	.6886	.7493									
.9749	.0727	.7059	.7226									

PT 3.4527 ATM
 TT 199.8491 K
 RC 6.0152 MILLION
 MACH .7527
 ALPHA 3.0243 DEG

CN .7129
 CM -.0668
 CC .0023

CD2 .04458
 CD3 .04076
 CD4 .03605
 CD5 .03335
 CD6 .02912

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1424	.9980	.0530	0.0000	1.1424	.9980	.0530	.5000	.7401	-1.0244	.4071	1.2097
.0040	.2373	.7512	.6519	.0040	.8147	.9087	.3719	.5000	.5427	-1.1635	.3691	1.2833
.0150	-.2482	.6188	.8567	.0080	.6239	.8566	.4748	.5000	.3454	-1.0726	.3939	1.2347
.0250	-.3953	.5787	.9192	.0262	.4655	.8134	.5506	.5000	.1480	-.8901	.4437	1.1428
.0400	-.6944	.4971	1.0510	.0500	.3770	.7893	.5907	.5000	-.1480	-.9153	.4368	1.1551
.0600	-.8616	.4515	1.1291	.1000	.2215	.7469	.6587	.5000	-.5427	-1.1976	.3598	1.3022
.0800	-.9665	.4229	1.1804	.1500	.1589	.7298	.6855	.5000	-.7401	-1.0982	.3869	1.2482
.1000	-1.0815	.3915	1.2394	.2000	.0682	.7051	.7239					
.1400	-1.1221	.3804	1.2609	.2500	.0213	.6923	.7436					
.1799	-1.1921	.3613	1.2991	.3500	-.1433	.6474	.8127					
.2201	-1.2136	.3555	1.3112	.4500	-.2525	.6176	.8586					
.2600	-1.2240	.3527	1.3170	.5500	-.2231	.6256	.8462					
.3000	-1.2276	.3517	1.3190	.6500	-.0716	.6669	.7826					
.3400	-1.2332	.3501	1.3222	.7500	.0436	.6984	.7342					
.3801	-1.2307	.3508	1.3208	.8000	.0849	.7096	.7169					
.4199	-1.2129	.3557	1.3107	.8500	.1118	.7169	.7055					
.4600	-1.0799	.3919	1.2385	.9000	.1269	.7211	.6991					
.5000	-.8219	.4623	1.1102	.9500	.0924	.7117	.7137					
.5400	-.6649	.5051	1.0376									
.5799	-.5832	.5274	1.0010									
.6201	-.5142	.5462	.9706									
.6600	-.4471	.5645	.9415									
.7000	-.3823	.5822	.9136									
.7500	-.2956	.6058	.8768									
.8000	-.2145	.6280	.8426									
.8500	-.1456	.6468	.8136									
.9237	-.0821	.6641	.7870									
.9749	-.0302	.6782	.7653									

PT 3.4519 ATM
 TT 200.0472 K
 RC 6.0001 MILLION
 MACH .7515
 ALPHA 3.5538 DEG

CN .7187
 CM -.0635
 CC .0035

CD2 .05404
 CD3 .04958
 CD4 .04326
 CD5 .03963
 CD6 .03620

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1281	.9942	.0907	0.0000	1.1281	.9942	.0907	.5000	.7401	-.8816	.4470	1.1370
.0040	.1603	.7307	.6840	.0040	.8741	.9251	.3348	.5000	.5427	-.9090	.4396	1.1502
.0150	-.3217	.5995	.8866	.0080	.6802	.8723	.4455	.5000	.3454	-.7804	.4746	1.0890
.0250	-.4533	.5637	.9428	.0262	.5059	.8249	.5311	.5000	.1480	-.7007	.4963	1.0523
.0400	-.7453	.4841	1.0727	.0500	.4021	.7966	.5787	.5000	-.1480	-.7222	.4904	1.0621
.0600	-.9139	.4382	1.1526	.1000	.2501	.7552	.6456	.5000	-.5427	-.9681	.4235	1.1794
.0800	-1.0210	.4091	1.2060	.1500	.1812	.7364	.6751	.5000	-.7401	-1.0403	.4038	1.2159
.1000	-1.1295	.3795	1.2627	.2000	.0903	.7117	.7137					
.1400	-1.1683	.3690	1.2837	.2500	.0389	.6977	.7353					
.1700	-1.2378	.3500	1.3224	.3500	-.1265	.6526	.8046					
.2201	-1.2593	.3442	1.3347	.4500	-.2411	.6214	.8526					
.2600	-1.2662	.3423	1.3387	.5500	-.2279	.6250	.8471					
.3000	-1.2694	.3414	1.3405	.6500	-.0812	.6650	.7856					
.3400	-1.2742	.3401	1.3433	.7500	.0350	.6966	.7370					
.3801	-1.2083	.3581	1.3058	.8000	.0734	.7071	.7208					
.4199	-1.0125	.4114	1.2017	.8500	.0883	.7111	.7145					
.4600	-.6269	.4619	1.1108	.9000	.1013	.7147	.7090					
.5000	-.6665	.5002	1.0458	.9500	.0563	.7024	.7280					
.5400	-.6106	.5208	1.0117									
.5799	-.5622	.5340	.9903									
.6201	-.5011	.5506	.9636									
.6600	-.4411	.5670	.9376									
.7000	-.3815	.5832	.9121									
.7500	-.3072	.6034	.8805									
.8000	-.2509	.6188	.8568									
.8500	-.2135	.6290	.8410									
.9237	-.1380	.6495	.8094									
.9749	-.1150	.6558	.7998									

PT 3.4518 ATM
 TT 199.9471 K
 RC 5.9988 MILLION
 MACH .7504
 ALPHA 4.0426 DEG

CN .7097
 CM -.0566
 CC .0042

CD2 .06116
 CD3 .05764
 CD4 .05217
 CD5 .04691
 CD6 .04243

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1213	.9923	.1052	0.0000	1.1213	.9923	.1052	.5000	.7401	-.7721	.4758	1.0869
.0040	.0998	.7136	.7106	.0040	.9072	.9339	.3137	.5000	.5427	-.7428	.4838	1.0733
.0150	-.3716	.5851	.9092	.0080	.7211	.8831	.4245	.5000	.3454	-.6782	.5014	1.0437
.0250	-.4932	.5519	.9616	.0262	.5395	.8336	.5160	.5000	.1480	-.6370	.5127	1.0251
.0400	-.7884	.4714	1.0945	.0500	.4380	.8059	.5632	.5000	-.1480	-.6462	.5101	1.0293
.0600	-.9540	.4262	1.1744	.1000	.2714	.7605	.6372	.5000	-.5427	-.7926	.4702	1.0965
.0800	-1.0584	.3977	1.2275	.1500	.1911	.7385	.6718	.5000	-.7401	-.8975	.4416	1.1466
.1000	-1.1659	.3684	1.2849	.2000	.1043	.7149	.7087					
.1400	-1.2040	.3580	1.3059	.2500	.0512	.7004	.7311					
.1799	-1.2676	.3406	1.3422	.3500	-.1234	.6528	.8044					
.2201	-1.2899	.3346	1.3552	.4500	-.2460	.6193	.8559					
.2600	-1.2975	.3325	1.3597	.5500	-.2341	.6226	.8509					
.3000	-1.2988	.3321	1.3605	.6500	-.0942	.6607	.7921					
.3400	-1.2685	.3404	1.3427	.7500	.0135	.6901	.7470					
.3801	-1.0640	.3962	1.2304	.8000	.0486	.6997	.7322					
.4199	-.8274	.4607	1.1129	.8500	.0652	.7042	.7252					
.4600	-.6989	.4958	1.0531	.9000	.0732	.7064	.7219					
.5000	-.6307	.5144	1.0223	.9500	.0200	.6919	.7443					
.5400	-.5814	.5278	1.0003									
.5799	-.5366	.5401	.9805									
.6201	-.4822	.5549	.9568									
.6600	-.4281	.5696	.9334									
.7000	-.3818	.5823	.9135									
.7500	-.3213	.5988	.8878									
.8000	-.2720	.6122	.8669									
.8500	-.2288	.6240	.8486									
.9237	-.1946	.6333	.8343									
.9749	-.1596	.6429	.8196									

PT 3.4521 ATM
 TT 199.8819 K
 RC 6.0037 MILLION
 MACH .7507
 ALPHA 4.5314 DEG

CN .7156
 CM -.0554
 CC .0047

CD2 .07085
 CD3 .06861
 CD4 .06182
 CD5 .05416
 CD6 .04854

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1002	.9867	.1380
.0040	.0181	.6924	.7434
.0150	-.4472	.5659	.9393
.0250	-.5514	.5375	.9846
.0400	-.8401	.4590	1.1159
.0600	-1.0046	.4143	1.1963
.0800	-1.1113	.3853	1.2515
.1000	-1.2114	.3580	1.3059
.1400	-1.2510	.3473	1.3282
.1799	-1.3134	.3303	1.3645
.2201	-1.3344	.3246	1.3770
.2600	-1.3317	.3253	1.3754
.3000	-1.2878	.3372	1.3495
.3400	-1.0974	.3890	1.2441
.3801	-.8309	.4615	1.1115
.4199	-.7293	.4892	1.0642
.4600	-.6651	.5066	1.0351
.5000	-.6183	.5194	1.0141
.5400	-.5738	.5315	.9944
.5799	-.5277	.5440	.9742
.6201	-.4751	.5583	.9514
.6600	-.4272	.5713	.9307
.7000	-.3863	.5825	.9132
.7500	-.3377	.5957	.8926
.8000	-.3016	.6055	.8773
.8500	-.2745	.6129	.8659
.9237	-.2340	.6239	.8489
.9749	-.2111	.6301	.8393

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1002	.9867	.1380
.0040	.9537	.9469	.2798
.0080	.7693	.8968	.3971
.0262	.5758	.8441	.4974
.0500	.4629	.8134	.5506
.1000	.2983	.7687	.6241
.1500	.2039	.7430	.6649
.2000	.1259	.7218	.6980
.2500	.0684	.7061	.7223
.3500	-.1050	.6589	.7949
.4500	-.2355	.6235	.8495
.5500	-.2330	.6242	.8484
.6500	-.0983	.6608	.7921
.7500	.0100	.6902	.7468
.8000	.0421	.6990	.7333
.8500	.0502	.7012	.7299
.9000	.0567	.7029	.7272
.9500	-.0012	.6872	.7515

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6904	.4997	1.0465
.5000	.5427	-.6960	.4982	1.0491
.5000	.3454	-.6607	.5078	1.0331
.5000	.1480	-.6227	.5182	1.0161
.5000	-.1480	-.6294	.5163	1.0191
.5000	-.5427	-.7513	.4832	1.0744
.5000	-.7401	-.7380	.4868	1.0683

PT 3.4540 ATM
 TT 199.8378 K
 RC 6.0322 MILLION
 MACH .7558
 ALPHA 4.9998 DEG

CN .7121
 CM -.0566
 CC .0077

CD2 .08797
 CD3 .08268
 CD4 .07338
 CD5 .06399
 CD6 .05535

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0884	.9833	.1549
.0040	-.0407	.6754	.7696
.0150	-.4984	.5506	.9636
.0250	-.5899	.5256	1.0039
.0400	-.8724	.4486	1.1342
.0600	-1.0379	.4035	1.2166
.0800	-1.1419	.3751	1.2714
.1000	-1.2395	.3485	1.3257
.1400	-1.2820	.3369	1.3502
.1799	-1.3417	.3206	1.3858
.2201	-1.3554	.3169	1.3942
.2600	-1.2962	.3330	1.3586
.3000	-1.0856	.3904	1.2414
.3400	-.8431	.4566	1.1202
.3801	-.7255	.4887	1.0651
.4199	-.6858	.4995	1.0469
.4600	-.6436	.5110	1.0279
.5000	-.6046	.5216	1.0104
.5400	-.5663	.5321	.9934
.5799	-.5276	.5426	.9764
.6201	-.4832	.5547	.9570
.6600	-.4451	.5651	.9405
.7000	-.4152	.5733	.9276
.7500	-.3784	.5833	.9119
.8000	-.3473	.5918	.8986
.8500	-.3234	.5983	.8884
.9237	-.2887	.6078	.8737
.9749	-.2612	.6153	.8622

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0884	.9833	.1549
.0040	.9838	.9548	.2575
.0080	.8070	.9066	.3764
.0262	.6054	.8516	.4839
.0500	.4944	.8213	.5371
.1000	.3212	.7741	.6153
.1500	.2244	.7477	.6574
.2000	.1427	.7254	.6923
.2500	.0756	.7071	.7207
.3500	-.0959	.6604	.7927
.4500	-.2318	.6233	.8497
.5500	-.2337	.6228	.8506
.6500	-.1046	.6580	.7964
.7500	-.0036	.6855	.7540
.8000	.0259	.6936	.7416
.8500	.0352	.6961	.7377
.9000	.0371	.6966	.7369
.9500	-.0283	.6788	.7644

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6844	.4999	1.0463
.5000	.5427	-.6869	.4992	1.0474
.5000	.3454	-.6606	.5063	1.0355
.5000	.1480	-.6144	.5189	1.0148
.5000	-.1480	-.6220	.5169	1.0182
.5000	-.5427	-.7447	.4834	1.0739
.5000	-.7401	-.6971	.4964	1.0521

PT 3.4085 ATM
 TT 199.9316 K
 RC 5.9906 MILLION
 MACH .7652
 ALPHA -.9776 DEG

CN .1983
 CM -.0632
 CC .0107

CD2 .01042
 CD3 .00972
 CD4 .01038
 CD5 .00988
 CD6 .00948

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0943	.9830	.1566	0.0000	1.0943	.9830	.1566	.5000	.7401	-.5554	.5226	1.0088
.0040	.9317	.9376	.3043	.0040	-.2849	.5981	.8888	.5000	.5427	-.5813	.5154	1.0206
.0150	.4543	.8044	.5657	.0080	-.4438	.5538	.9586	.5000	.3454	-.5862	.5141	1.0228
.0250	.2274	.7411	.6678	.0262	-.2420	.6101	.8702	.5000	.1480	-.5947	.5117	1.0268
.0400	-.0446	.6652	.7853	.0500	-.1272	.6421	.8207	.5000	-.1480	-.6044	.5090	1.0312
.0600	-.2471	.6087	.8724	.1000	-.1816	.6270	.8441	.5000	-.5427	-.5839	.5147	1.0218
.0800	-.3740	.5733	.9277	.1500	-.2088	.6194	.8558	.5000	-.7401	-.5548	.5228	1.0085
.1000	-.4768	.5446	.9733	.2000	-.2413	.6103	.8699					
.1400	-.5250	.5311	.9950	.2500	-.2823	.5988	.8876					
.1799	-.5689	.5189	1.0149	.3500	-.4096	.5633	.9434					
.2201	-.5588	.5217	1.0103	.4500	-.5142	.5341	.9901					
.2600	-.5413	.5266	1.0024	.5500	-.3675	.5751	.9248					
.3000	-.5244	.5313	.9947	.6500	-.1386	.6390	.8256					
.3400	-.5307	.5295	.9975	.7500	.0234	.6842	.7561					
.3801	-.5405	.5268	1.0020	.8000	.0826	.7007	.7307					
.4199	-.5527	.5234	1.0075	.8500	.1258	.7127	.7121					
.4600	-.5726	.5178	1.0166	.9000	.1645	.7235	.6953					
.5000	-.6013	.5099	1.0298	.9500	.1790	.7276	.6890					
.5400	-.6256	.5031	1.0410									
.5799	-.6480	.4968	1.0514									
.6201	-.6644	.4922	1.0591									
.6600	-.6089	.5077	1.0333									
.7000	-.4881	.5414	.9783									
.7500	-.3502	.5799	.9173									
.8000	-.2072	.6198	.8552									
.8500	-.0584	.6613	.7913									
.9237	.0987	.7052	.7238									
.9749	.1631	.7231	.6959									

PT 3.4103 ATM
 TT 199.8306 K
 RC 6.0123 MILLION
 MACH .7684
 ALPHA .0000 DEG

CN .3432
 CM -.0621
 CC .0093

CD2 .01115
 CD3 .01039
 CD4 .01086
 CD5 .00960
 CD6 .00980

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1427	.9962	.0738	0.0000	1.1427	.9962	.0738	.5000	.7401	-.6228	.5017	1.0432
.0040	.7912	.8977	.3950	.0040	.1073	.7062	.7222	.5000	.5427	-.6425	.4962	1.0524
.0150	.2918	.7579	.6413	.0080	-.0616	.6589	.7950	.5000	.3454	-.6290	.5000	1.0461
.0250	.0720	.6963	.7374	.0262	-.0025	.6755	.7695	.5000	.1480	-.6111	.5050	1.0378
.0400	-.2077	.6180	.8580	.0500	.0020	.6767	.7676	.5000	-.1480	-.6141	.5042	1.0392
.0600	-.4037	.5631	.9438	.1000	-.0760	.6549	.8012	.5000	-.5427	-.6479	.4947	1.0550
.0800	-.5316	.5273	1.0012	.1500	-.1002	.6481	.8116	.5000	-.7401	-.6333	.4988	1.0481
.1000	-.6610	.4910	1.0611	.2000	-.1464	.6352	.8315					
.1400	-.6943	.4817	1.0769	.2500	-.1965	.6211	.8531					
.1799	-.7630	.4625	1.1099	.3500	-.3318	.5832	.9120					
.2201	-.7915	.4545	1.1238	.4500	-.4460	.5512	.9626					
.2600	-.7951	.4535	1.1256	.5500	-.3358	.5821	.9138					
.3000	-.7864	.4559	1.1213	.6500	-.1219	.6420	.8209					
.3400	-.7665	.4615	1.1116	.7500	.0311	.6849	.7551					
.3801	-.6887	.4833	1.0742	.8000	.0873	.7006	.7308					
.4199	-.5924	.5102	1.0291	.8500	.1289	.7123	.7128					
.4600	-.5697	.5166	1.0186	.9000	.1643	.7222	.6974					
.5000	-.6088	.5056	1.0367	.9500	.1700	.7238	.6949					
.5400	-.6625	.4906	1.0618									
.5799	-.7070	.4781	1.0829									
.6201	-.7299	.4717	1.0939									
.6600	-.6402	.4968	1.0513									
.7000	-.4789	.5420	.9774									
.7500	-.3351	.5823	.9135									
.8000	-.1909	.6227	.8507									
.8500	-.0485	.6626	.7893									
.9237	.0885	.7009	.7303									
.9749	.1457	.7170	.7055									

PT 3.4088 ATM
 TT 199.6564 K
 RC 6.0021 MILLION
 MACH .7651
 ALPHA 1.0285 DEG

CN .5308
 CM -.0688
 CC .0048

CD2 .01467
 CD3 .01402
 CD4 .01378
 CD5 .01212
 CD6 .01075

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1531	.9996	.0230	0.0000	1.1531	.9996	.0230	.5000	.7401	-.6648	.4942	1.0558
.0040	.6055	.8474	.4915	.0040	.4433	.8023	.5693	.5000	.5427	-.8360	.4466	1.1377
.0150	.0994	.7067	.7214	.0080	.2547	.7498	.6540	.5000	.3454	-1.0008	.4008	1.2216
.0250	-.0960	.6524	.8050	.0262	.2052	.7361	.6757	.5000	.1480	-1.0202	.3954	1.2319
.0400	-.3867	.5715	.9304	.0500	.1594	.7234	.6955	.5000	-.1480	-1.0279	.3933	1.2360
.0600	-.5582	.5239	1.0068	.1000	.0506	.6931	.7423	.5000	-.5427	-.8187	.4514	1.1292
.0800	-.6861	.4883	1.0657	.1500	.0103	.6819	.7596	.5000	-.7401	-.6151	.5080	1.0327
.1000	-.8196	.4512	1.1296	.2000	-.0449	.6666	.7832					
.1400	-.8742	.4360	1.1566	.2500	-.1029	.6504	.8080					
.1799	-.9440	.4166	1.1920	.3500	-.2367	.6132	.8653					
.2201	-.9661	.4104	1.2034	.4500	-.3506	.5816	.9146					
.2600	-.9723	.4087	1.2066	.5500	-.2793	.6014	.8837					
.3000	-.9732	.4085	1.2071	.6500	-.0881	.6546	.8016					
.3400	-.9822	.4060	1.2118	.7500	.0578	.6951	.7393					
.3801	-.9804	.4065	1.2109	.8000	.1111	.7099	.7164					
.4199	-.9893	.4040	1.2156	.8500	.1466	.7198	.7011					
.4600	-.9982	.4015	1.2202	.9000	.1808	.7293	.6863					
.5000	-1.0238	.3944	1.2338	.9500	.1859	.7307	.6840					
.5400	-.9943	.4026	1.2181									
.5799	-.6636	.4946	1.0552									
.6201	-.4957	.5412	.9786									
.6600	-.4537	.5529	.9600									
.7000	-.4075	.5657	.9396									
.7500	-.3066	.5938	.8955									
.8000	-.1836	.6280	.8425									
.8500	-.0517	.6647	.7861									
.9237	.0945	.7053	.7235									
.9749	.1577	.7229	.6963									

PT 3.4095 ATM
 TT 199.7896 K
 RC 6.0103 MILLION
 MACH .7679
 ALPHA 1.5172 DEG

CN .5858
 CM -.0756
 CC .0079

CD2 .02416
 CD3 .02248
 CD4 .02113
 CD5 .01790
 CD6 .01462

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1528	.9988	.0415	0.0000	1.1528	.9988	.0415	.5000	.7401	-.9947	.3955	1.2317
.0040	.5483	.8290	.5240	.0040	.5336	.8248	.5311	.5000	.5427	-1.0381	.3833	1.2553
.0150	.0472	.6882	.7499	.0080	.3456	.7720	.6187	.5000	.3454	-1.0899	.3688	1.2841
.0250	-.1394	.6358	.8305	.0262	.2675	.7501	.6537	.5000	.1480	-1.0832	.3706	1.2804
.0400	-.4290	.5544	.9575	.0500	.2118	.7344	.6783	.5000	-.1480	-1.0879	.3693	1.2830
.0600	-.5965	.5073	1.0339	.1000	.0916	.7007	.7307	.5000	-.5427	-1.0584	.3776	1.2665
.0800	-.7179	.4732	1.0913	.1500	.0446	.6874	.7511	.5000	-.7401	-1.0058	.3924	1.2377
.1000	-.8471	.4369	1.1549	.2000	-.0208	.6691	.7793					
.1400	-.9066	.4202	1.1853	.2500	-.0755	.6537	.8029					
.1799	-.9788	.4000	1.2232	.3500	-.2205	.6130	.8657					
.2201	-1.0028	.3932	1.2361	.4500	-.3404	.5793	.9182					
.2600	-1.0136	.3902	1.2419	.5500	-.2759	.5974	.8899					
.3000	-1.0183	.3889	1.2445	.6500	-.0904	.6495	.8093					
.3400	-1.0263	.3866	1.2488	.7500	.0474	.6883	.7498					
.3801	-1.0292	.3858	1.2504	.8000	.0976	.7024	.7281					
.4199	-1.0394	.3829	1.2560	.8500	.1315	.7119	.7134					
.4600	-1.0515	.3795	1.2627	.9000	.1580	.7193	.7018					
.5000	-1.0805	.3714	1.2788	.9500	.1470	.7162	.7066					
.5400	-1.0988	.3663	1.2891									
.5799	-.9374	.4116	1.2013									
.6201	-.5751	.5134	1.0240									
.6600	-.4528	.5477	.9682									
.7000	-.3714	.5706	.9319									
.7500	-.2682	.5996	.8865									
.8000	-.1690	.6274	.8433									
.8500	-.0794	.6526	.8046									
.9237	.0138	.6788	.7644									
.9749	.0803	.6975	.7356									

PT 3.4097 ATM
TT 199.9374 K
RC 5.9933 MILLION
MACH .7654
ALPHA 2.0060 DEG

CN .6225
CM -.0730
CC .0071

CD2 .03156
CD3 .02885
CD4 .02631
CD5 .02355
CD6 .01856

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1500	.9985	.0462	0.0000	1.1500	.9985	.0462	.5000	.7401	-1.0645	.3805	1.2608
.0040	.4582	.8054	.5640	.0040	.6301	.8534	.4807	.5000	.5427	-1.1026	.3699	1.2819
.0150	-.0377	.6670	.7825	.0080	.4368	.7995	.5739	.5000	.3454	-1.1521	.3561	1.3099
.0250	-.2135	.6180	.8580	.0262	.3300	.7697	.6225	.5000	.1480	-1.1402	.3594	1.3031
.0400	-.5065	.5362	.9867	.0500	.2603	.7502	.6535	.5000	-.1480	-1.1435	.3585	1.3050
.0600	-.6762	.4889	1.0647	.1000	.1310	.7141	.7099	.5000	-.5427	-1.1344	.3610	1.2998
.0800	-.7770	.4607	1.1129	.1500	.0781	.6994	.7327	.5000	-.7401	-1.0756	.3774	1.2669
.1000	-.9142	.4225	1.1812	.2000	-.0038	.6765	.7679					
.1400	-.9689	.4072	1.2095	.2500	-.0484	.6641	.7870					
.1799	-1.0447	.3860	1.2499	.3500	-.2029	.6209	.8534					
.2201	-1.0675	.3797	1.2624	.4500	-.3149	.5897	.9019					
.2600	-1.0774	.3769	1.2679	.5500	-.2663	.6033	.8808					
.3000	-1.0830	.3753	1.2710	.6500	-.0897	.6525	.8047					
.3400	-1.0899	.3734	1.2748	.7500	.0443	.6899	.7472					
.3801	-1.0926	.3727	1.2763	.8000	.0930	.7035	.7263					
.4199	-1.1022	.3700	1.2817	.8500	.1187	.7107	.7152					
.4600	-1.1126	.3671	1.2875	.9000	.1419	.7172	.7052					
.5000	-1.1220	.3645	1.2927	.9500	.1192	.7108	.7150					
.5400	-.9576	.4103	1.2036									
.5799	-.6785	.4882	1.0658									
.6201	-.5210	.5322	.9932									
.6600	-.4392	.5550	.9566									
.7000	-.3726	.5736	.9272									
.7500	-.2749	.6009	.8845									
.8000	-.1911	.6243	.8483									
.8500	-.1198	.6441	.8177									
.9237	-.0302	.6691	.7792									
.9749	.0179	.6826	.7586									

PT 3.4098 ATM
TT 199.9045 K
RC 6.0029 MILLION
MACH .7672
ALPHA 2.5157 DEG

CN .6172
CM -.0649
CC .0093

CD2 .04534
CD3 .04037
CD4 .03549
CD5 .03113
CD6 .02502

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1536	.9992	.0332	0.0000	1.1536	.9992	.0332	.5000	.7401	-1.1019	.3676	1.2865
.0040	.4014	.7886	.5918	.0040	.6983	.8717	.4466	.5000	.5427	-1.1478	.3547	1.3127
.0150	-.0894	.6511	.8069	.0080	.5057	.8178	.5432	.5000	.3454	-1.1570	.3522	1.3180
.0250	-.2560	.6045	.8789	.0262	.3776	.7819	.6027	.5000	.1480	-.9131	.4205	1.1849
.0400	-.5487	.5225	1.0090	.0500	.3023	.7609	.6366	.5000	-.1480	-.9764	.4027	1.2179
.0600	-.7195	.4747	1.0888	.1000	.1640	.7221	.6975	.5000	-.5427	-1.1836	.3447	1.3336
.0800	-.8211	.4462	1.1384	.1500	.1071	.7062	.7222	.5000	-.7401	-1.1175	.3632	1.2953
.1000	-.9507	.4099	1.2044	.2000	.0196	.6817	.7600					
.1400	-.9978	.3968	1.2293	.2500	-.0262	.6688	.7797					
.1799	-1.0741	.3754	1.2709	.3500	-.1900	.6230	.8502					
.2201	-1.0978	.3687	1.2842	.4500	-.3094	.5895	.9021					
.2600	-1.1090	.3656	1.2904	.5500	-.2715	.6001	.8856					
.3000	-1.1154	.3638	1.2941	.6500	-.1011	.6479	.8119					
.3400	-1.1232	.3616	1.2985	.7500	.0257	.6834	.7573					
.3801	-1.1262	.3608	1.3002	.8000	.0706	.6959	.7380					
.4199	-1.1332	.3588	1.3043	.8500	.0908	.7016	.7293					
.4600	-1.1115	.3649	1.2919	.9000	.1060	.7059	.7227					
.5000	-.8157	.4477	1.1357	.9500	.0675	.6951	.7393					
.5400	-.6001	.5081	1.0326									
.5799	-.5197	.5306	.9957									
.6201	-.4592	.5476	.9685									
.6600	-.4052	.5627	.9444									
.7000	-.3551	.5767	.9222									
.7500	-.2879	.5956	.8927									
.8000	-.2281	.6123	.8668									
.8500	-.1789	.6261	.8455									
.9237	-.1208	.6424	.8204									
.9749	-.0840	.6526	.8046									

PT 3.4095 ATM
 TT 199.9032 K
 RC 5.9944 MILLION
 MACH .7653
 ALPHA 3.0243 DEG

CN .6232
 CM -.0595
 CC .0110

CD2 .05470
 CD3 .04901
 CD4 .04269
 CD5 .03698
 CD6 .03132

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1516	.9987	.0433	0.0000	1.1516	.9987	.0433	.5000	.7401	-1.1394	.3571	1.3079
.0040	.3315	.7690	.6236	.0040	.7613	.8894	.4121	.5000	.5427	-1.1707	.3483	1.3261
.0150	-.1538	.6331	.8347	.0080	.5685	.8354	.5129	.5000	.3454	-.8508	.4379	1.1533
.0250	-.3096	.5895	.9023	.0262	.4215	.7942	.5826	.5000	.1480	-.6346	.4984	1.0487
.0400	-.6038	.5071	1.0344	.0500	.3396	.7713	.6199	.5000	-.1480	-.6624	.4907	1.0617
.0600	-.7733	.4596	1.1149	.1000	.1926	.7301	.6850	.5000	-.5427	-1.2360	.3300	1.3652
.0800	-.8769	.4306	1.1665	.1500	.1304	.7127	.7122	.5000	-.7401	-1.1687	.3488	1.3249
.1000	-.9967	.3970	1.2288	.2000	.0565	.6920	.7441					
.1400	-1.0401	.3849	1.2522	.2500	-.0092	.6736	.7724					
.1799	-1.1160	.3636	1.2945	.3500	-.1654	.6298	.8397					
.2201	-1.1390	.3572	1.3077	.4500	-.3070	.5902	.9012					
.2600	-1.1510	.3538	1.3146	.5500	-.2784	.5982	.8887					
.3000	-1.1573	.3520	1.3183	.6500	-.1145	.6441	.8177					
.3400	-1.1665	.3495	1.3236	.7500	.0054	.6777	.7661					
.3801	-1.1632	.3504	1.3217	.8000	.0457	.6890	.7488					
.4199	-1.0752	.3750	1.2716	.8500	.0649	.6943	.7405					
.4600	-.8189	.4468	1.1373	.9000	.0743	.6970	.7364					
.5000	-.5992	.5083	1.0323	.9500	.0254	.6833	.7575					
.5400	-.5295	.5279	1.0002									
.5799	-.4974	.5368	.9857									
.6201	-.4498	.5502	.9643									
.6600	-.4051	.5627	.9444									
.7000	-.3662	.5736	.9272									
.7500	-.3092	.5896	.9021									
.8000	-.2646	.6021	.8826									
.8500	-.2281	.6123	.8668									
.9237	-.1851	.6243	.8482									
.9749	-.1555	.6326	.8354									

PT 3.4096 ATM
 TT 199.8709 K
 RC 6.0073 MILLION
 MACH .7680
 ALPHA 3.5335 DEG

CN .6365
 CM -.0563
 CC .0112

CD2 .06321
 CD3 .05736
 CD4 .05402
 CD5 .04648
 CD6 .03834

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1467	.9974	.0607	0.0000	1.1467	.9974	.0607	.5000	.7401	-1.1245	.3622	1.2975
.0040	.2601	.7494	.6547	.0040	.8202	.9061	.3774	.5000	.5427	-.9138	.4211	1.1837
.0150	-.2222	.6145	.8633	.0080	.6281	.8524	.4826	.5000	.3454	-.6549	.4935	1.0569
.0250	-.3649	.5746	.9256	.0262	.4684	.8077	.5602	.5000	.1480	-.5761	.5156	1.0204
.0400	-.6614	.4917	1.0600	.0500	.3774	.7822	.6022	.5000	-.1480	-.5948	.5103	1.0290
.0600	-.8258	.4457	1.1393	.1000	.2232	.7391	.6710	.5000	-.5427	-1.1895	.3440	1.3351
.0800	-.9322	.4159	1.1932	.1500	.1564	.7204	.7001	.5000	-.7401	-1.2003	.3410	1.3415
.1000	-1.0441	.3846	1.2527	.2000	.0798	.6990	.7333					
.1400	-1.0846	.3733	1.2750	.2500	.0119	.6800	.7625					
.1799	-1.1573	.3530	1.3163	.3500	-.1479	.6353	.8312					
.2201	-1.1805	.3465	1.3299	.4500	-.2930	.5947	.8941					
.2600	-1.1910	.3436	1.3360	.5500	-.2754	.5997	.8864					
.3000	-1.1968	.3419	1.3395	.6500	-.1183	.6436	.8185					
.3400	-1.2068	.3391	1.3454	.7500	-.0022	.6761	.7686					
.3801	-1.1321	.3600	1.3018	.8000	.0356	.6866	.7523					
.4199	-.8347	.4432	1.1437	.8500	.0506	.6908	.7459					
.4600	-.6559	.4932	1.0574	.9000	.0576	.6928	.7428					
.5000	-.5677	.5179	1.0165	.9500	.0028	.6775	.7664					
.5400	-.5245	.5300	.9968									
.5799	-.4956	.5381	.9838									
.6201	-.4506	.5506	.9636									
.6600	-.4079	.5626	.9445									
.7000	-.3718	.5727	.9286									
.7500	-.3228	.5864	.9071									
.8000	-.2850	.5970	.8906									
.8500	-.2562	.6050	.8781									
.9237	-.2205	.6150	.8626									
.9749	-.1967	.6217	.8523									

PT 3.4097 ATM
 TT 199.8859 K
 RC 6.0076 MILLION
 MACH .7682
 ALPHA 4.0222 DEG

CN .6354
 CM -.0533
 CC .0131

CD2 .07139
 CD3 .06782
 CD4 .06373
 CD5 .05388
 CD6 .04298

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1408	.9955	.0801
.0040	.2057	.7331	.6804
.0150	-.2689	.5999	.8860
.0250	-.4016	.5627	.9444
.0400	-.6987	.4793	1.0810
.0600	-.8610	.4338	1.1607
.0800	-.9652	.4045	1.2145
.1000	-1.0763	.3734	1.2749
.1400	-1.1155	.3624	1.2971
.1799	-1.1842	.3431	1.3371
.2201	-1.2086	.3362	1.3517
.2600	-1.2180	.3336	1.3574
.3000	-1.2239	.3319	1.3610
.3400	-1.1893	.3417	1.3401
.3801	-.8675	.4319	1.1640
.4199	-.6691	.4876	1.0669
.4600	-.5938	.5088	1.0316
.5000	-.5503	.5210	1.0115
.5400	-.5146	.5310	.9952
.5799	-.4836	.5397	.9811
.6201	-.4436	.5509	.9631
.6600	-.4082	.5608	.9474
.7000	-.3813	.5684	.9354
.7500	-.3435	.5790	.9187
.8000	-.3126	.5877	.9051
.8500	-.2885	.5944	.8946
.9237	-.2725	.5989	.8875
.9749	-.2478	.6059	.8768

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1408	.9955	.0801
.0040	.8641	.9178	.3516
.0080	.6742	.8646	.4601
.0262	.5066	.8175	.5436
.0500	.4105	.7906	.5886
.1000	.2477	.7449	.6619
.1500	.1762	.7248	.6933
.2000	.0992	.7032	.7268
.2500	.0265	.6828	.7582
.3500	-.1373	.6368	.8289
.4500	-.2901	.5940	.8952
.5500	-.2792	.5970	.8905
.6500	-.1275	.6396	.8246
.7500	-.0177	.6704	.7773
.8000	.0174	.6802	.7622
.8500	.0322	.6844	.7558
.9000	.0344	.6850	.7548
.9500	-.0282	.6675	.7818

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.0474	.3815	1.2589
.5000	.5427	-.7990	.4512	1.1297
.5000	.3454	-.6065	.5052	1.0375
.5000	.1480	-.5557	.5194	1.0140
.5000	-.1480	-.5643	.5170	1.0180
.5000	-.5427	-.9790	.4007	1.2219
.5000	-.7401	-1.2234	.3321	1.3606

PT 3.4099 ATM
 TT 199.7455 K
 RC 6.0183 MILLION
 MACH .7692
 ALPHA 4.5110 DEG

CN .6438
 CM -.0542
 CC .0139

CD2 .08122
 CD3 .07744
 CD4 .07411
 CD5 .06141
 CD6 .04889

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1270	.9917	.1088
.0040	.1305	.7124	.7126
.0150	-.3375	.5812	.9152
.0250	-.4548	.5483	.9672
.0400	-.7473	.4664	1.1032
.0600	-.9084	.4212	1.1835
.0800	-1.0137	.3917	1.2391
.1000	-1.1186	.3623	1.2972
.1400	-1.1577	.3513	1.3198
.1799	-1.2230	.3330	1.3586
.2201	-1.2471	.3262	1.3734
.2600	-1.2484	.3259	1.3741
.3000	-1.1955	.3407	1.3421
.3400	-.9206	.4178	1.1899
.3801	-.6899	.4824	1.0756
.4199	-.6301	.4992	1.0474
.4600	-.5884	.5109	1.0280
.5000	-.5524	.5210	1.0115
.5400	-.5228	.5293	.9980
.5799	-.4909	.5382	.9835
.6201	-.4552	.5482	.9674
.6600	-.4261	.5564	.9544
.7000	-.4025	.5630	.9439
.7500	-.3713	.5717	.9301
.8000	-.3463	.5788	.9190
.8500	-.3273	.5841	.9107
.9237	-.3054	.5902	.9011
.9749	-.2820	.5968	.8909

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1270	.9917	.1088
.0040	.9150	.9323	.3175
.0080	.7277	.8798	.4311
.0262	.5461	.8289	.5241
.0500	.4405	.7993	.5742
.1000	.2762	.7532	.6487
.1500	.1868	.7282	.6881
.2000	.1119	.7072	.7206
.2500	.0305	.6844	.7558
.3500	-.1318	.6389	.8258
.4500	-.2768	.5982	.8886
.5500	-.2764	.5983	.8884
.6500	-.1296	.6395	.8248
.7500	-.0201	.6702	.7776
.8000	.0125	.6793	.7636
.8500	.0220	.6820	.7595
.9000	.0240	.6825	.7586
.9500	-.0423	.6640	.7872

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.8723	.4313	1.1651
.5000	.5427	-.6805	.4851	1.0712
.5000	.3454	-.6137	.5038	1.0398
.5000	.1480	-.5652	.5174	1.0173
.5000	-.1480	-.5717	.5156	1.0203
.5000	-.5427	-.8709	.4317	1.1644
.5000	-.7401	-1.1043	.3663	1.2891

PT 3.3726 ATM
 TT 199.6002 K
 RC 6.0132 MILLION
 MACH .7820
 ALPHA -1.0081 DEG

CN .1923
 CM -.0655
 CC .0114

CD2 .01181
 CD3 .01094
 CD4 .01130
 CD5 .01068
 CD6 .01010

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC
0.0000	1.0950	.9807	.1670	0.0000	1.0950	.9807	.1670
.0040	.9537	.9402	.2977	.0040	-.3049	.5796	.9177
.0150	.4862	.8062	.5626	.0080	-.4787	.5298	.9971
.0250	.2599	.7414	.6673	.0262	-.2663	.5907	.9004
.0400	-.0103	.6640	.7871	.0500	-.1515	.6236	.8494
.0600	-.2147	.6054	.8774	.1000	-.1941	.6113	.8683
.0800	-.3457	.5679	.9362	.1500	-.2210	.6036	.8802
.1000	-.4520	.5374	.9848	.2000	-.2554	.5938	.8955
.1400	-.5072	.5216	1.0104	.2500	-.2965	.5820	.9140
.1799	-.5801	.5007	1.0449	.3500	-.4362	.5420	.9775
.2201	-.5746	.5023	1.0422	.4500	-.5813	.5004	1.0454
.2600	-.5613	.5061	1.0359	.5500	-.3762	.5592	.9500
.3000	-.5402	.5122	1.0259	.6500	-.1403	.6267	.8444
.3400	-.5323	.5144	1.0222	.7500	.0216	.6731	.7731
.3801	-.5506	.5092	1.0308	.8000	.0812	.6902	.7468
.4199	-.5691	.5039	1.0396	.8500	.1266	.7032	.7268
.4600	-.5873	.4987	1.0483	.9000	.1648	.7142	.7099
.5000	-.6223	.4886	1.0651	.9500	.1761	.7174	.7048
.5400	-.6593	.4781	1.0831				
.5799	-.7016	.4659	1.1039				
.6201	-.7463	.4531	1.1262				
.6600	-.7375	.4557	1.1218				
.7000	-.4943	.5253	1.0044				
.7500	-.3198	.5753	.9244				
.8000	-.1805	.6152	.8622				
.8500	-.0418	.6550	.8010				
.9237	.0957	.6944	.7404				
.9749	.1566	.7118	.7135				

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5793	.5010
.5000	.5427	-.6081	.4927
.5000	.3454	-.6145	.4909
.5000	.1480	-.6220	.4887
.5000	-.1480	-.6250	.4879
.5000	-.5427	-.6164	.4903
.5000	-.7401	-.5883	.4984

PT 3.3723 ATM
 TT 199.7112 K
 RC 5.9996 MILLION
 MACH .7800
 ALPHA .0407 DEG

CN .3623
 CM -.0644
 CC .0093

CD2 .01199
 CD3 .01088
 CD4 .01115
 CD5 .01032
 CD6 .00938

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC
0.0000	1.1514	.9972	.0632	0.0000	1.1514	.9972	.0632
.0040	.8073	.8991	.3922	.0040	.1110	.7005	.7309
.0150	.3091	.7570	.6427	.0080	-.0566	.6527	.8044
.0250	.0909	.6948	.7398	.0262	.0026	.6696	.7785
.0400	-.1870	.6156	.8617	.0500	.0089	.6714	.7758
.0600	-.3851	.5591	.9502	.1000	-.0711	.6486	.8108
.0800	-.5066	.5244	1.0059	.1500	-.0947	.6419	.8211
.1000	-.6401	.4864	1.0690	.2000	-.1446	.6276	.8430
.1400	-.6828	.4742	1.0897	.2500	-.1953	.6132	.8654
.1799	-.7486	.4554	1.1222	.3500	-.3381	.5725	.9290
.2201	-.7789	.4468	1.1375	.4500	-.4652	.5362	.9867
.2600	-.7916	.4431	1.1439	.5500	-.3398	.5720	.9297
.3000	-.7953	.4421	1.1457	.6500	-.1193	.6349	.8319
.3400	-.8019	.4402	1.1491	.7500	.0347	.6788	.7645
.3801	-.8039	.4396	1.1501	.8000	.0915	.6950	.7395
.4199	-.8119	.4374	1.1542	.8500	.1341	.7071	.7208
.4600	-.8159	.4362	1.1563	.9000	.1693	.7171	.7052
.5000	-.8217	.4346	1.1592	.9500	.1742	.7185	.7031
.5400	-.7807	.4463	1.1383				
.5799	-.6740	.4767	1.0854				
.6201	-.5816	.5030	1.0411				
.6600	-.5457	.5133	1.0241				
.7000	-.4579	.5383	.9834				
.7500	-.3167	.5786	.9194				
.8000	-.1740	.6193	.8560				
.8500	-.0365	.6585	.7957				
.9237	.0916	.6950	.7395				
.9749	.1490	.7114	.7142				

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.6411	.4861
.5000	.5427	-.6496	.4836
.5000	.3454	-.6972	.4701
.5000	.1480	-.7981	.4413
.5000	-.1480	-.8127	.4371
.5000	-.5427	-.6240	.4909
.5000	-.7401	-.6348	.4879

PT 3.3713 ATM
 TT 199.6001 K
 RC 6.0104 MILLION
 MACH .7819
 ALPHA 1.0081 DEG

CN .4807
 CM -.0713
 CC .0128

CD2 .02585
 CD3 .02247
 CD4 .01961
 CD5 .01599
 CD6 .01307

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1577	.9983	.0498	0.0000	1.1577	.9983	.0498	.5000	.7401	-.9108	.4028	1.2178
.0040	.6799	.8607	.4673	.0040	.3702	.7716	.6194	.5000	.5427	-.9434	.3934	1.2357
.0150	.1799	.7168	.7058	.0080	.1860	.7185	.7031	.5000	.3454	-.9893	.3802	1.2614
.0250	-.0216	.6589	.7951	.0262	.1618	.7116	.7138	.5000	.1480	-.9865	.3810	1.2597
.0400	-.3012	.5783	.9198	.0500	.1307	.7026	.7277	.5000	-.1480	-.9931	.3791	1.2635
.0600	-.4749	.5283	.9995	.1000	.0248	.6721	.7746	.5000	-.5427	-.9635	.3877	1.2468
.0800	-.6023	.4916	1.0601	.1500	-.0125	.6614	.7912	.5000	-.7401	-.9119	.4025	1.2184
.1000	-.7356	.4532	1.1260	.2000	-.0702	.6448	.8167					
.1400	-.7935	.4366	1.1556	.2500	-.1289	.6279	.8427					
.1799	-.8632	.4165	1.1922	.3500	-.2764	.5854	.9086					
.2201	-.8902	.4088	1.2066	.4500	-.4162	.5452	.9723					
.2600	-.9019	.4054	1.2129	.5500	-.3247	.5715	.9304					
.3000	-.9079	.4036	1.2162	.6500	-.1173	.6312	.8375					
.3400	-.9214	.3998	1.2236	.7500	.0287	.6733	.7729					
.3801	-.9262	.3984	1.2262	.8000	.0803	.6881	.7501					
.4199	-.9408	.3942	1.2342	.8500	.1119	.6972	.7361					
.4600	-.9552	.3900	1.2422	.9000	.1373	.7045	.7248					
.5000	-.9867	.3810	1.2599	.9500	.1182	.6990	.7333					
.5400	-1.0141	.3731	1.2754									
.5799	-.9245	.3989	1.2252									
.6201	-.5573	.5046	1.0385									
.6600	-.4102	.5469	.9695									
.7000	-.3363	.5682	.9357									
.7500	-.2543	.5918	.8986									
.8000	-.1754	.6145	.8633									
.8500	-.1073	.6341	.8331									
.9237	-.0284	.6568	.7982									
.9749	.0236	.6718	.7752									

PT 3.3729 ATM
 TT 199.7685 K
 RC 6.0070 MILLION
 MACH .7821
 ALPHA 1.5172 DEG

CN .5067
 CM -.0662
 CC .0142

CD2 .03788
 CD3 .03141
 CD4 .02616
 CD5 .02191
 CD6 .01765

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1605	.9992	.0328	0.0000	1.1605	.9992	.0328	.5000	.7401	-.9708	.3872	1.2477
.0040	.6135	.8422	.5009	.0040	.4806	.8040	.5664	.5000	.5427	-1.0021	.3782	1.2653
.0150	.1145	.6989	.7335	.0080	.2929	.7501	.6536	.5000	.3454	-1.0492	.3647	1.2923
.0250	-.0768	.6439	.8180	.0262	.2359	.7337	.6794	.5000	.1480	-1.0420	.3668	1.2881
.0400	-.3616	.5621	.9453	.0500	.1873	.7198	.7012	.5000	-.1480	-1.0469	.3654	1.2910
.0600	-.5340	.5126	1.0252	.1000	.0697	.6860	.7533	.5000	-.5427	-1.0262	.3713	1.2790
.0800	-.6550	.4779	1.0834	.1500	.0256	.6734	.7728	.5000	-.7401	-.9822	.3839	1.2541
.1000	-.7850	.4406	1.1485	.2000	-.0372	.6553	.8005					
.1400	-.8464	.4229	1.1804	.2500	-.0948	.6387	.8259					
.1799	-.9178	.4024	1.2185	.3500	-.2508	.5940	.8953					
.2201	-.9454	.3945	1.2336	.4500	-.3956	.5524	.9608					
.2600	-.9583	.3908	1.2408	.5500	-.3212	.5737	.9269					
.3000	-.9656	.3887	1.2448	.6500	-.1229	.6307	.8384					
.3400	-.9761	.3857	1.2506	.7500	.0146	.6702	.7776					
.3801	-.9818	.3840	1.2539	.8000	.0624	.6839	.7566					
.4199	-.9953	.3802	1.2615	.8500	.0914	.6922	.7437					
.4600	-1.0078	.3766	1.2685	.9000	.1093	.6974	.7358					
.5000	-1.0323	.3695	1.2825	.9500	.0770	.6881	.7501					
.5400	-.8480	.4225	1.1812									
.5799	-.5703	.5022	1.0424									
.6201	-.4325	.5418	.9777									
.6600	-.3740	.5586	.9509									
.7000	-.3310	.5709	.9314									
.7500	-.2704	.5883	.9040									
.8000	-.2112	.6053	.8776									
.8500	-.1579	.6206	.8539									
.9237	-.1040	.6361	.8300									
.9749	-.0605	.6486	.8108									

PT 3.3729 ATM
 TT 199.8005 K
 RC 6.0024 MILLION
 MACH .7813
 ALPHA 2.0264 DEG

CN .5469
 CM -.0643
 CC .0136

CD2 .04683
 CD3 .04015
 CD4 .03257
 CD5 .02978
 CD6 .02283

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1570	.9988	.0411
.0040	.5268	.8191	.5409
.0150	.0293	.6773	.7667
.0250	-.1516	.6257	.8460
.0400	-.4389	.5438	.9745
.0600	-.6088	.4954	1.0538
.0800	-.7145	.4653	1.1051
.1000	-.8485	.4271	1.1728
.1400	-.9060	.4107	1.2030
.1799	-.9813	.3892	1.2439
.2201	-1.0074	.3817	1.2584
.2600	-1.0195	.3783	1.2651
.3000	-1.0273	.3761	1.2695
.3400	-1.0367	.3734	1.2749
.3801	-1.0419	.3719	1.2778
.4199	-1.0531	.3687	1.2842
.4600	-1.0646	.3654	1.2908
.5000	-.9552	.3966	1.2295
.5400	-.6307	.4892	1.0643
.5799	-.4985	.5268	1.0019
.6201	-.4308	.5461	.9708
.6600	-.3813	.5602	.9483
.7000	-.3377	.5727	.9286
.7500	-.2826	.5884	.9040
.8000	-.2292	.6036	.8802
.8500	-.1895	.6149	.8627
.9237	-.1305	.6318	.8367
.9749	-.0991	.6407	.8229

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1570	.9988	.0411
.0040	.5846	.8356	.5124
.0080	.3908	.7804	.6052
.0262	.3007	.7547	.6464
.0500	.2364	.7364	.6753
.1000	.1120	.7009	.7304
.1500	.0613	.6864	.7526
.2000	-.0040	.6678	.7813
.2500	-.0686	.6494	.8096
.3500	-.2199	.6063	.8761
.4500	-.3640	.5652	.9405
.5500	-.3089	.5809	.9157
.6500	-.1211	.6344	.8326
.7500	.0123	.6725	.7741
.8000	.0579	.6855	.7541
.8500	.0819	.6923	.7436
.9000	.0974	.6967	.7368
.9500	.0594	.6859	.7535

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.0311	.3750	1.2717
.5000	.5427	-1.0623	.3661	1.2895
.5000	.3454	-1.1069	.3534	1.3155
.5000	.1480	-1.0456	.3708	1.2799
.5000	-.1480	-1.0792	.3613	1.2993
.5000	-.5427	-1.0932	.3573	1.3074
.5000	-.7401	-1.0396	.3726	1.2765

PT 3.3719 ATM
 TT 199.7559 K
 RC 6.0033 MILLION
 MACH .7815
 ALPHA 2.5152 DEG

CN .5539
 CM -.0592
 CC .0147

CD2 .05541
 CD3 .04719
 CD4 .03957
 CD5 .03787
 CD6 .03078

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1577	.9989	.0399
.0040	.4656	.8012	.5710
.0150	-.0253	.6610	.7917
.0250	-.1966	.6121	.8671
.0400	-.4863	.5293	.9979
.0600	-.6585	.4802	1.0795
.0800	-.7584	.4516	1.1288
.1000	-.8876	.4147	1.1955
.1400	-.9413	.3994	1.2243
.1799	-1.0165	.3779	1.2659
.2201	-1.0432	.3703	1.2810
.2600	-1.0559	.3667	1.2883
.3000	-1.0640	.3643	1.2930
.3400	-1.0746	.3613	1.2992
.3801	-1.0797	.3599	1.3021
.4199	-1.0883	.3574	1.3072
.4600	-1.0158	.3781	1.2655
.5000	-.6336	.4873	1.0674
.5400	-.4992	.5257	1.0038
.5799	-.4577	.5375	.9846
.6201	-.4122	.5505	.9638
.6600	-.3747	.5612	.9467
.7000	-.3425	.5704	.9322
.7500	-.3022	.5819	.9141
.8000	-.2568	.5949	.8938
.8500	-.2281	.6031	.8810
.9237	-.1843	.6156	.8617
.9749	-.1558	.6237	.8491

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1577	.9989	.0399
.0040	.6511	.8542	.4792
.0080	.4609	.7999	.5733
.0262	.3480	.7676	.6258
.0500	.2758	.7470	.6585
.1000	.1425	.7089	.7179
.1500	.0867	.6930	.7426
.2000	.0047	.6696	.7786
.2500	-.0492	.6542	.8022
.3500	-.2153	.6067	.8754
.4500	-.3560	.5666	.9383
.5500	-.3134	.5787	.9191
.6500	-.1306	.6309	.8380
.7500	-.0017	.6678	.7814
.8000	.0418	.6802	.7623
.8500	.0616	.6858	.7536
.9000	.0727	.6890	.7487
.9500	.0265	.6758	.7690

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.0698	.3627	1.2964
.5000	.5427	-1.1089	.3515	1.3193
.5000	.3454	-1.0939	.3558	1.3105
.5000	.1480	-.7159	.4638	1.1076
.5000	-.1480	-.7888	.4429	1.1442
.5000	-.5427	-1.1452	.3412	1.3411
.5000	-.7401	-1.0841	.3586	1.3047

PT 3.3714 ATM
 TT 199.7581 K
 RC 5.9938 MILLION
 MACH .7795
 ALPHA 3.0243 DEG

CN .5666
 CM -.0554
 CC .0150

CD2 .06272
 CD3 .05603
 CD4 .04757
 CD5 .04195
 CD6 .03699

UPPER SURFACE
 X/C CP P,L/PT MLOC
 0.0000 1.1576 .9988 .0418
 .0040 .4004 .7823 .6020
 .0150 -.0863 .6432 .8191
 .0250 -.2468 .5974 .8900
 .0400 -.5365 .5145 1.0220
 .0600 -.7076 .4656 1.1044
 .0800 -.8101 .4363 1.1561
 .1000 -.9314 .4017 1.2199
 .1400 -.9788 .3881 1.2459
 .1799 -1.0535 .3668 1.2881
 .2201 -1.0801 .3592 1.3036
 .2600 -1.0930 .3555 1.3111
 .3000 -1.1010 .3532 1.3159
 .3400 -1.1125 .3499 1.3227
 .3801 -1.1146 .3493 1.3240
 .4199 -1.0353 .3720 1.2777
 .4600 -.7208 .4619 1.1109
 .5000 -.5345 .5151 1.0211
 .5400 -.4816 .5302 .9964
 .5799 -.4603 .5363 .9866
 .6201 -.4198 .5479 .9680
 .6600 -.3821 .5587 .9508
 .7000 -.3526 .5671 .9374
 .7500 -.3144 .5780 .9202
 .8000 -.2780 .5884 .9039
 .8500 -.2499 .5965 .8914
 .9237 -.2127 .6071 .8748
 .9749 -.1892 .6138 .8644

LOWER SURFACE
 X/C CP P,L/PT MLOC
 0.0000 1.1576 .9988 .0418
 .0040 .7221 .8743 .4417
 .0080 .5290 .8191 .5410
 .0262 .3961 .7811 .6040
 .0500 .3158 .7582 .6409
 .1000 .1753 .7180 .7039
 .1500 .1138 .7004 .7311
 .2000 .0235 .6746 .7708
 .2500 -.0269 .6602 .7930
 .3500 -.2019 .6102 .8700
 .4500 -.3426 .5700 .9329
 .5500 -.3139 .5782 .9200
 .6500 -.1354 .6292 .8407
 .7500 -.0083 .6655 .7848
 .8000 .0338 .6776 .7663
 .8500 .0481 .6817 .7600
 .9000 .0577 .6844 .7558
 .9500 .0058 .6696 .7786

SPANWISE
 X/C Y/(B/2) CP P,L/PT MLOC
 .5000 .7401 -1.1083 .3511 1.3202
 .5000 .5427 -1.1408 .3418 1.3398
 .5000 .3454 -.8019 .4387 1.1518
 .5000 .1480 -.5637 .5068 1.0349
 .5000 -.1480 -.6025 .4957 1.0533
 .5000 -.5427 -1.1395 .3422 1.3389
 .5000 -.7401 -1.1220 .3472 1.3284

PT 3.3728 ATM
 TT 199.8274 K
 RC 6.0087 MILLION
 MACH .7831
 ALPHA 3.5131 DEG

CN .5753
 CM -.0537
 CC .0169

CD2 .07021
 CD3 .06270
 CD4 .05431
 CD5 .04548
 CD6 .04658

UPPER SURFACE
 X/C CP P,L/PT MLOC
 0.0000 1.1590 .9990 .0382
 .0040 .3528 .7680 .6252
 .0150 -.1279 .6302 .8391
 .0250 -.2805 .5865 .9069
 .0400 -.5731 .5027 1.0417
 .0600 -.7424 .4541 1.1244
 .0800 -.8467 .4243 1.1779
 .1000 -.9622 .3911 1.2401
 .1400 -1.0069 .3783 1.2650
 .1799 -1.0798 .3574 1.3071
 .2201 -1.1063 .3499 1.3228
 .2600 -1.1192 .3462 1.3306
 .3000 -1.1277 .3437 1.3357
 .3400 -1.1407 .3400 1.3436
 .3801 -1.1179 .3465 1.3297
 .4199 -.8307 .4288 1.1696
 .4600 -.6076 .4928 1.0582
 .5000 -.5184 .5183 1.0158
 .5400 -.4757 .5305 .9959
 .5799 -.4652 .5336 .9910
 .6201 -.4256 .5449 .9728
 .6600 -.3882 .5556 .9556
 .7000 -.3576 .5644 .9417
 .7500 -.3409 .5692 .9341
 .8000 -.3059 .5792 .9183
 .8500 -.2798 .5867 .9066
 .9237 -.2579 .5930 .8968
 .9749 -.2349 .5996 .8865

LOWER SURFACE
 X/C CP P,L/PT MLOC
 0.0000 1.1590 .9990 .0382
 .0040 .7718 .8880 .4148
 .0080 .5799 .8330 .5169
 .0262 .4335 .7911 .5878
 .0500 .3502 .7672 .6264
 .1000 .2007 .7244 .6940
 .1500 .1351 .7056 .7231
 .2000 .0420 .6789 .7642
 .2500 -.0108 .6638 .7875
 .3500 -.1952 .6109 .8689
 .4500 -.3408 .5692 .9341
 .5500 -.3198 .5752 .9246
 .6500 -.1457 .6251 .8469
 .7500 -.0223 .6605 .7926
 .8000 .0179 .6720 .7749
 .8500 .0305 .6756 .7693
 .9000 .0375 .6776 .7662
 .9500 -.0195 .6613 .7913

SPANWISE
 X/C Y/(B/2) CP P,L/PT MLOC
 .5000 .7401 -1.1427 .3394 1.3448
 .5000 .5427 -1.0205 .3744 1.2728
 .5000 .3454 -.5805 .5005 1.0452
 .5000 .1480 -.5144 .5195 1.0139
 .5000 -.1480 -.5606 .5062 1.0357
 .5000 -.5427 -.8849 .4133 1.1981
 .5000 -.7401 -1.1541 .3361 1.3518

PT 3.3732 ATM
 TT 199.8069 K
 RC 6.0078 MILLION
 MACH .7825
 ALPHA 4.0324 DEG

CN .5851
 CM -.0486
 CC .0168

CD2 .07420
 CD3 .07093
 CD4 .06506
 CD5 .05828
 CD6 .05967

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1517	.9967	.0685
.0040	.2862	.7482	.6567
.0150	-.1895	.6116	.8679
.0250	-.3309	.5710	.9313
.0400	-.6200	.4879	1.0663
.0600	-.7880	.4397	1.1500
.0800	-.8933	.4095	1.2053
.1000	-1.0043	.3776	1.2665
.1400	-1.0459	.3657	1.2904
.1799	-1.1158	.3456	1.3318
.2201	-1.1422	.3380	1.3479
.2600	-1.1546	.3344	1.3556
.3000	-1.1630	.3320	1.3607
.3400	-1.1732	.3291	1.3671
.3801	-1.0011	.3785	1.2647
.4199	-.6682	.4741	1.0898
.4600	-.5628	.5044	1.0388
.5000	-.5252	.5152	1.0210
.5400	-.4886	.5257	1.0038
.5799	-.4567	.5348	.9890
.6201	-.4218	.5449	.9728
.6600	-.3914	.5536	.9588
.7000	-.3688	.5601	.9485
.7500	-.3340	.5701	.9327
.8000	-.3110	.5767	.9223
.8500	-.2916	.5822	.9136
.9237	-.2804	.5855	.9085
.9749	-.2625	.5906	.9005

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1517	.9967	.0685
.0040	.8252	.9030	.3841
.0080	.6348	.8483	.4899
.0262	.4750	.8024	.5691
.0500	.3859	.7768	.6110
.1000	.2281	.7315	.6829
.1500	.1579	.7113	.7142
.2000	.0616	.6837	.7569
.2500	.0068	.6679	.7811
.3500	-.1695	.6173	.8590
.4500	-.3341	.5701	.9328
.5500	-.3232	.5732	.9278
.6500	-.1549	.6215	.8525
.7500	-.0378	.6551	.8008
.8000	.0002	.6660	.7840
.8500	.0147	.6702	.7776
.9000	.0181	.6712	.7761
.9500	-.0445	.6532	.8037

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-1.1456	.3370
.5000	.5427	-.6467	.4803
.5000	.3454	-.5743	.5011
.5000	.1480	-.5268	.5147
.5000	-.1480	-.5178	.5173
.5000	-.5427	-.6860	.4690
.5000	-.7401	-1.1760	.3283

MLOC 1.3500
 1.0793
 1.0443
 1.0217
 1.0175
 1.0986
 1.3689

PT 3.3583 ATM
 TT 199.8344 K
 RC 6.0274 MILLION
 MACH .7941
 ALPHA -1.0379 DEG

CN .1919
 CM -.0683
 CC .0129

CD2 .01400
 CD3 .01292
 CD4 .01360
 CD5 .01185
 CD6 .01189

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1008	.9804	.1681
.0040	.9743	.9435	.2891
.0150	.5060	.8067	.5619
.0250	.2812	.7411	.6679
.0400	.0124	.6626	.7894
.0600	-.1911	.6031	.8810
.0800	-.3203	.5654	.9401
.1000	-.4315	.5329	.9921
.1400	-.4893	.5160	1.0196
.1799	-.5752	.4910	1.0612
.2201	-.5916	.4862	1.0693
.2600	-.5870	.4875	1.0670
.3000	-.5859	.4878	1.0665
.3400	-.5709	.4922	1.0591
.3801	-.5543	.4971	1.0510
.4199	-.5430	.5004	1.0455
.4600	-.5601	.4954	1.0538
.5000	-.6106	.4806	1.0787
.5400	-.6612	.4658	1.1041
.5799	-.7156	.4500	1.1318
.6201	-.7770	.4320	1.1638
.6600	-.8432	.4127	1.1992
.7000	-.5856	.4879	1.0664
.7500	-.2917	.5738	.9269
.8000	-.1534	.6141	.8639
.8500	-.0369	.6482	.8115
.9237	.0794	.6821	.7593
.9749	.1386	.6994	.7326

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1008	.9804	.1681
.0040	-.3026	.5706	.9320
.0080	-.4952	.5143	1.0224
.0262	-.2830	.5763	.9229
.0500	-.1464	.6162	.8608
.1000	-.1976	.6012	.8840
.1500	-.2252	.5932	.8965
.2000	-.2604	.5829	.9126
.2500	-.3022	.5707	.9318
.3500	-.4478	.5282	.9998
.4500	-.6397	.4721	1.0932
.5500	-.3735	.5499	.9648
.6500	-.1384	.6185	.8572
.7500	.0211	.6651	.7855
.8000	.0805	.6824	.7588
.8500	.1255	.6956	.7386
.9000	.1620	.7062	.7221
.9500	.1704	.7087	.7183

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5956	.4850
.5000	.5427	-.6178	.4785
.5000	.3454	-.6214	.4775
.5000	.1480	-.6171	.4787
.5000	-.1480	-.6149	.4794
.5000	-.5427	-.6126	.4801
.5000	-.7401	-.6001	.4837

MLOC 1.0712
 1.0823
 1.0841
 1.0819
 1.0808
 1.0797
 1.0735

PT 3.3583 ATM
TT 199.9316 K
RC 6.0199 MILLION
MACH .7932
ALPHA .0204 DEG

CN .3626
CM -.0731
CC .0132

CD2 .01621
CD3 .01364
CD4 .01404
CD5 .01308
CD6 .01085

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1512	.9953	.0821
.0040	.8391	.9043	.3812
.0150	.3491	.7615	.6356
.0250	.1322	.6983	.7344
.0400	-.1447	.6176	.8586
.0600	-.3318	.5631	.9438
.0800	-.4669	.5237	1.0071
.1000	-.5956	.4861	1.0693
.1400	-.6470	.4712	1.0949
.1799	-.7150	.4514	1.1293
.2201	-.7477	.4418	1.1462
.2600	-.7646	.4369	1.1550
.3000	-.7734	.4343	1.1597
.3400	-.7872	.4303	1.1669
.3801	-.7950	.4280	1.1711
.4199	-.8100	.4237	1.1790
.4600	-.8237	.4197	1.1863
.5000	-.8523	.4113	1.2018
.5400	-.8804	.4031	1.2172
.5799	-.9203	.3915	1.2394
.6201	-.9505	.3827	1.2565
.6600	-.9771	.4915	1.0602
.7000	-.3797	.5491	.9661
.7500	-.2551	.5854	.9086
.8000	-.1477	.6167	.8600
.8500	-.0562	.6434	.8189
.9237	.0477	.6737	.7723
.9749	.1071	.6910	.7457

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1512	.9953	.0821
.0040	.0782	.6825	.7586
.0080	-.0817	.6359	.8303
.0262	-.0184	.6544	.8019
.0500	-.0079	.6574	.7972
.1000	-.0775	.6371	.8284
.1500	-.1071	.6285	.8417
.2000	-.1603	.6130	.8656
.2500	-.2083	.5990	.8874
.3500	-.3636	.5538	.9586
.4500	-.5190	.5085	1.0320
.5500	-.3574	.5556	.9557
.6500	-.1273	.6226	.8508
.7500	.0311	.6688	.7798
.8000	.0873	.6852	.7546
.8500	.1268	.6967	.7368
.9000	.1598	.7063	.7220
.9500	.1590	.7061	.7223

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.7501	.4411	1.1475
.5000	.5427	-.7816	.4319	1.1640
.5000	.3454	-.8267	.4188	1.1880
.5000	.1480	-.8489	.4123	1.1999
.5000	-.1480	-.8585	.4095	1.2052
.5000	-.5427	-.7818	.4319	1.1641
.5000	-.7401	-.7314	.4466	1.1378

PT 3.3583 ATM
TT 199.9189 K
RC 6.0092 MILLION
MACH .7905
ALPHA 1.0183 DEG

CN .4484
CM -.0684
CC .0156

CD2 .03450
CD3 .02722
CD4 .02327
CD5 .01901
CD6 .01529

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1589	.9978	.0555
.0040	.7046	.8659	.4575
.0150	.2053	.7209	.6993
.0250	.0026	.6621	.7901
.0400	-.2771	.5809	.9157
.0600	-.4542	.5295	.9977
.0800	-.5826	.4922	1.0592
.1000	-.7146	.4539	1.1249
.1400	-.7737	.4367	1.1554
.1799	-.8431	.4165	1.1921
.2201	-.8712	.4064	1.2073
.2600	-.8844	.4045	1.2145
.3000	-.8913	.4025	1.2183
.3400	-.9068	.3980	1.2268
.3801	-.9135	.3961	1.2306
.4199	-.9286	.3917	1.2390
.4600	-.9433	.3874	1.2472
.5000	-.9754	.3781	1.2655
.5400	-.9872	.3747	1.2722
.5799	-.7427	.4457	1.1394
.6201	-.4623	.5271	1.0015
.6600	-.3705	.5538	.9586
.7000	-.3211	.5681	.9358
.7500	-.2654	.5843	.9104
.8000	-.2055	.6017	.8832
.8500	-.1530	.6169	.8596
.9237	-.0900	.6352	.8314
.9749	-.0461	.6480	.8118

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1589	.9978	.0555
.0040	.3388	.7597	.6384
.0080	.1617	.7083	.7189
.0262	.1453	.7035	.7263
.0500	.1162	.6951	.7393
.1000	.0269	.6692	.7792
.1500	-.0254	.6540	.8025
.2000	-.1011	.6320	.8364
.2500	-.1408	.6205	.8542
.3500	-.3104	.5712	.9309
.4500	-.4465	.5317	.9940
.5500	-.3479	.5603	.9482
.6500	-.1333	.6226	.8508
.7500	.0132	.6652	.7853
.8000	.0624	.6795	.7634
.8500	.0929	.6883	.7497
.9000	.1143	.6945	.7402
.9500	.0850	.6860	.7533

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.9047	.3986	1.2257
.5000	.5427	-.9356	.3897	1.2429
.5000	.3454	-.9751	.3782	1.2653
.5000	.1480	-.9745	.3784	1.2650
.5000	-.1480	-.9826	.3760	1.2696
.5000	-.5427	-.9571	.3834	1.2550
.5000	-.7401	-.9094	.3973	1.2283

PT 3.3582 ATM
 TT 199.9091 K
 RC 6.0095 MILLION
 MACH .7905
 ALPHA 1.5172 DEG

CN .4693
 CM -.0637
 CC .0168

CD2 .04374
 CD3 .03624
 CD4 .03101
 CD5 .02512
 CD6 .01982

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1612	.9986	.0452	0.0000	1.1612	.9986	.0452	.5000	.7401	-.9556	.3843	1.2533
.0040	.6454	.8489	.4888	.0040	.4438	.7904	.5889	.5000	.5427	-.9866	.3753	1.2710
.0150	.1468	.7042	.7252	.0080	.2562	.7360	.6759	.5000	.3454	-1.0246	.3643	1.2931
.0250	-.0451	.6485	.8109	.0262	.2097	.7225	.6969	.5000	.1480	-1.0187	.3660	1.2897
.0400	-.3302	.5658	.9395	.0500	.1710	.7112	.7144	.5000	-.1480	-1.0256	.3640	1.2937
.0600	-.5005	.5164	1.0190	.1000	.0648	.6804	.7619	.5000	-.5427	-1.0063	.3696	1.2824
.0800	-.6257	.4800	1.0797	.1500	.0084	.6640	.7871	.5000	-.7401	-.9635	.3820	1.2578
.1000	-.7542	.4428	1.1445	.2000	-.0715	.6409	.8227					
.1400	-.8173	.4244	1.1776	.2500	-.1141	.6285	.8417					
.1799	-.8894	.4035	1.2164	.3500	-.2864	.5785	.9194					
.2201	-.9175	.3954	1.2319	.4500	-.4274	.5376	.9845					
.2600	-.9308	.3915	1.2394	.5500	-.3478	.5607	.9476					
.3000	-.9383	.3893	1.2436	.6500	-.1382	.6215	.8525					
.3400	-.9522	.3853	1.2514	.7500	.0036	.6627	.7892					
.3801	-.9580	.3836	1.2547	.8000	.0503	.6762	.7684					
.4199	-.9725	.3794	1.2629	.8500	.0763	.6838	.7568					
.4600	-.9872	.3751	1.2714	.9000	.0915	.6882	.7500					
.5000	-1.0025	.3707	1.2802	.9500	.0528	.6770	.7672					
.5400	-.7299	.4498	1.1320									
.5799	-.4890	.5197	1.0135									
.6201	-.3973	.5463	.9705									
.6600	-.3557	.5584	.9512									
.7000	-.3277	.5665	.9383									
.7500	-.2765	.5814	.9149									
.8000	-.2323	.5942	.8949									
.8500	-.1966	.6046	.8787									
.9237	-.1430	.6201	.8547									
.9749	-.1118	.6292	.8407									

PT 3.3592 ATM
 TT 199.8666 K
 RC 6.0216 MILLION
 MACH .7926
 ALPHA 2.0060 DEG

CN .4798
 CM -.0592
 CC .0186

CD2 .05361
 CD3 .04517
 CD4 .03780
 CD5 .03094
 CD6 .02693

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1633	.9988	.0411	0.0000	1.1633	.9988	.0411	.5000	.7401	-.9918	.3707	1.2801
.0040	.5974	.8339	.5155	.0040	.5233	.8123	.5525	.5000	.5427	-1.0232	.3616	1.2986
.0150	.1014	.6894	.7482	.0080	.3347	.7573	.6422	.5000	.3454	-1.0581	.3514	1.3195
.0250	-.0821	.6359	.8304	.0262	.2643	.7368	.6745	.5000	.1480	-.9730	.3762	1.2692
.0400	-.3682	.5525	.9606	.0500	.2089	.7207	.6997	.5000	-.1480	-1.0316	.3592	1.3036
.0600	-.5385	.5029	1.0413	.1000	.1026	.6897	.7476	.5000	-.5427	-1.0509	.3535	1.3151
.0800	-.6544	.4691	1.0985	.1500	.0374	.6707	.7768	.5000	-.7401	-1.0006	.3682	1.2852
.1000	-.7825	.4317	1.1643	.2000	-.0457	.6465	.8140					
.1400	-.8446	.4137	1.1975	.2500	-.0914	.6332	.8346					
.1799	-.9193	.3919	1.2386	.3500	-.2692	.5813	.9150					
.2201	-.9471	.3838	1.2543	.4500	-.4197	.5375	.9847					
.2600	-.9611	.3797	1.2624	.5500	-.3525	.5571	.9533					
.3000	-.9711	.3768	1.2681	.6500	-.1467	.6171	.8594					
.3400	-.9830	.3733	1.2750	.7500	-.0092	.6571	.7977					
.3801	-.9908	.3710	1.2795	.8000	.0338	.6697	.7784					
.4199	-1.0038	.3673	1.2871	.8500	.0579	.6767	.7677					
.4600	-1.0166	.3635	1.2947	.9000	.0693	.6800	.7626					
.5000	-.7938	.4285	1.1703	.9500	.0228	.6664	.7834					
.5400	-.5093	.5114	1.0272									
.5799	-.4317	.5340	.9904									
.6201	-.3880	.5467	.9699									
.6600	-.3557	.5561	.9548									
.7000	-.3319	.5631	.9438									
.7500	-.2970	.5733	.9277									
.8000	-.2591	.5843	.9104									
.8500	-.2265	.5938	.8955									
.9237	-.1919	.6039	.8798									
.9749	-.1632	.6122	.8668									

PT 3.3588 ATM
 TT 199.9814 K
 RC 6.0078 MILLION
 MACH .7905
 ALPHA 2.5151 DEG

CN .5127
 CM -.0590
 CC .0192

CD2 .06220
 CD3 .04990
 CD4 .04387
 CD5 .04185
 CD6 .03475

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1614	.9986	.0443	0.0000	1.1614	.9986	.0443	.5000	.7401	-1.0420	.3592	1.3034
.0040	.5180	.8119	.5531	.0040	.6196	.8414	.5022	.5000	.5427	-1.0814	.3478	1.3271
.0150	.0245	.6687	.7799	.0080	.4282	.7859	.5963	.5000	.3454	-1.1066	.3405	1.3425
.0250	-.1492	.6183	.8575	.0262	.3280	.7568	.6431	.5000	.1480	-.6168	.4826	1.0753
.0400	-.4374	.5347	.9892	.0500	.2599	.7370	.6742	.5000	-.1480	-.7365	.4479	1.1354
.0600	-.6086	.4850	1.0713	.1000	.1402	.7023	.7282	.5000	-.5427	-1.1137	.3384	1.3470
.0800	-.7102	.4555	1.1220	.1500	.0553	.6777	.7661	.5000	-.7401	-1.0564	.3551	1.3120
.1000	-.8417	.4174	1.1906	.2000	-.0142	.6575	.7971					
.1400	-.8980	.4010	1.2212	.2500	-.0626	.6435	.8187					
.1799	-.9737	.3791	1.2636	.3500	-.2427	.5912	.8996					
.2201	-1.0010	.3711	1.2794	.4500	-.3982	.5461	.9709					
.2600	-1.0148	.3671	1.2874	.5500	-.3433	.5620	.9455					
.3000	-1.0250	.3642	1.2934	.6500	-.1461	.6192	.8561					
.3400	-1.0361	.3610	1.2999	.7500	-.0118	.6582	.7961					
.3801	-1.0435	.3588	1.3043	.8000	.0301	.6703	.7774					
.4199	-1.0426	.3591	1.3038	.8500	.0477	.6755	.7695					
.4600	-.8939	.4022	1.2189	.9000	.0569	.6781	.7654					
.5000	-.5308	.5076	1.0335	.9500	.0043	.6629	.7889					
.5400	-.4498	.5311	.9950									
.5799	-.4275	.5376	.9846									
.6201	-.3921	.5478	.9681									
.6600	-.3687	.5546	.9572									
.7000	-.3543	.5588	.9506									
.7500	-.3298	.5659	.9393									
.8000	-.2950	.5760	.9234									
.8500	-.2654	.5846	.9099									
.9237	-.2368	.5929	.8969									
.9749	-.2069	.6016	.8834									

PT 3.3585 ATM
 TT 199.8654 K
 RC 6.0191 MILLION
 MACH .7923
 ALPHA 2.9938 DEG

CN .5233
 CM -.0553
 CC .0202

CD2 .06671
 CD3 .05499
 CD4 .04722
 CD5 .04238
 CD6 .04442

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1620	.9986	.0446	0.0000	1.1620	.9986	.0446	.5000	.7401	-1.0755	.3479	1.3269
.0040	.4663	.7963	.5792	.0040	.6824	.8591	.4702	.5000	.5427	-1.1234	.3340	1.3565
.0150	-.0259	.6531	.8038	.0080	.4910	.8035	.5673	.5000	.3454	-.8730	.4068	1.2103
.0250	-.1912	.6051	.8780	.0262	.3714	.7687	.6241	.5000	.1480	-.5255	.5079	1.0331
.0400	-.4799	.5211	1.0113	.0500	.2950	.7465	.6594	.5000	-.1480	-.5708	.4947	1.0550
.0600	-.6515	.4712	1.0948	.1000	.1665	.7091	.7177	.5000	-.5427	-1.1547	.3249	1.3764
.0800	-.7545	.4413	1.1472	.1500	.0847	.6853	.7544	.5000	-.7401	-1.0875	.3444	1.3342
.1000	-.8734	.4067	1.2105	.2000	.0072	.6628	.7890					
.1400	-.9280	.3908	1.2407	.2500	-.0439	.6479	.8118					
.1799	-1.0046	.3685	1.2846	.3500	-.2273	.5946	.8943					
.2201	-1.0322	.3605	1.3008	.4500	-.3869	.5482	.9675					
.2600	-1.0468	.3563	1.3095	.5500	-.3477	.5596	.9494					
.3000	-1.0574	.3532	1.3159	.6500	-.1546	.6157	.8615					
.3400	-1.0691	.3498	1.3230	.7500	-.0239	.6537	.8029					
.3801	-1.0732	.3486	1.3255	.8000	.0169	.6656	.7847					
.4199	-.9611	.3812	1.2594	.8500	.0321	.6700	.7779					
.4600	-.6348	.4761	1.0865	.9000	.0390	.6720	.7748					
.5000	-.4896	.5183	1.0159	.9500	-.0173	.6556	.8000					
.5400	-.4490	.5301	.9966									
.5799	-.4329	.5348	.9890									
.6201	-.4025	.5436	.9748									
.6600	-.3766	.5512	.9627									
.7000	-.3567	.5569	.9535									
.7500	-.3416	.5613	.9465									
.8000	-.3097	.5706	.9319									
.8500	-.2907	.5761	.9232									
.9237	-.2650	.5836	.9114									
.9749	-.2382	.5914	.8993									

PT 3.3582 ATM
 TT 199.7825 K
 RC 6.0197 MILLION
 MACH .7917
 ALPHA 3.5029 DEG

CN .5551
 CM -.0533
 CC .0196

CD2 .06641
 CD3 .06403
 CD4 .06897
 CD5 .06798
 CD6 .05222

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1595	.9980	.0529	0.0000	1.1595	.9980	.0529	.5000	.7401	-1.1140	.3379	1.3481
.0040	.4031	.7784	.6084	.0040	.7414	.8766	.4372	.5000	.5427	-1.0599	.3536	1.3150
.0150	-.0863	.6363	.8297	.0080	.5530	.8219	.5361	.5000	.3454	-.5773	.4937	1.0566
.0250	-.2424	.5910	.8999	.0262	.4146	.7817	.6030	.5000	.1480	-.5089	.5136	1.0236
.0400	-.5298	.5075	1.0336	.0500	.3345	.7585	.6404	.5000	-.1480	-.5535	.5006	1.0450
.0600	-.7006	.4579	1.1178	.1000	.1944	.7178	.7042	.5000	-.5427	-.7307	.4492	1.1331
.0800	-.8053	.4275	1.1720	.1500	.1046	.6917	.7445	.5000	-.7401	-1.1227	.3354	1.3535
.1000	-.9224	.3935	1.2355	.2000	.0291	.6698	.7782					
.1400	-.9688	.3800	1.2617	.2500	-.0237	.6545	.8018					
.1799	-1.0435	.3584	1.3052	.3500	-.1988	.6036	.8802					
.2201	-1.0709	.3504	1.3216	.4500	-.3739	.5528	.9602					
.2600	-1.0855	.3462	1.3306	.5500	-.3474	.5605	.9479					
.3000	-1.0958	.3432	1.3368	.6500	-.1620	.6143	.8637					
.3400	-1.1072	.3399	1.3439	.7500	-.0380	.6503	.8082					
.3801	-1.1089	.3394	1.3449	.8000	.0023	.6620	.7902					
.4199	-.9878	.3745	1.2726	.8500	.0203	.6672	.7821					
.4600	-.6575	.4704	1.0961	.9000	.0260	.6689	.7796					
.5000	-.5230	.5095	1.0304	.9500	-.0332	.6517	.8060					
.5400	-.4771	.5228	1.0085									
.5799	-.4567	.5287	.9988									
.6201	-.4236	.5383	.9833									
.6600	-.3909	.5479	.9680									
.7000	-.3654	.5553	.9562									
.7500	-.3347	.5642	.9421									
.8000	-.3073	.5721	.9295									
.8500	-.2922	.5765	.9226									
.9237	-.2660	.5841	.9107									
.9749	-.2499	.5888	.9033									

PT 3.3213 ATM
 TT 199.7829 K
 RC 6.0072 MILLION
 MACH .8052
 ALPHA -1.0285 DEG

CN .1700
 CM -.0642
 CC .0141

CD2 .01655
 CD3 .01505
 CD4 .01559
 CD5 .01311
 CD6 .01395

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0976	.9777	.1794	0.0000	1.0976	.9777	.1794	.5000	.7401	-.6001	.4741	1.0898
.0040	.8869	.9152	.3574	.0040	-.3168	.5582	.9515	.5000	.5427	-.6105	.4711	1.0951
.0150	.5265	.8083	.5592	.0080	-.5296	.4951	1.0544	.5000	.3454	-.6094	.4714	1.0945
.0250	.3028	.7420	.6664	.0262	-.3125	.5595	.9495	.5000	.1480	-.6165	.4693	1.0981
.0400	.0359	.6628	.7890	.0500	-.1456	.6090	.8719	.5000	-.1480	-.6120	.4706	1.0958
.0600	-.1675	.6025	.8820	.1000	-.2082	.5904	.9008	.5000	-.5427	-.6118	.4707	1.0957
.0800	-.2979	.5638	.9427	.1500	-.2349	.5825	.9132	.5000	-.7401	-.6019	.4736	1.0907
.1000	-.4096	.5307	.9957	.2000	-.2703	.5720	.9297					
.1400	-.4701	.5127	1.0251	.2500	-.3107	.5600	.9487					
.1799	-.5593	.4863	1.0692	.3500	-.4604	.5156	1.0203					
.2201	-.5816	.4796	1.0804	.4500	-.6568	.4573	1.1189					
.2600	-.5868	.4781	1.0830	.5500	-.5216	.4974	1.0504					
.3000	-.5894	.4773	1.0843	.6500	-.1400	.6106	.8694					
.3400	-.5935	.4761	1.0864	.7500	.0153	.6567	.7984					
.3801	-.5982	.4747	1.0888	.8000	.0738	.6741	.7717					
.4199	-.6079	.4718	1.0937	.8500	.1178	.6871	.7516					
.4600	-.6094	.4714	1.0945	.9000	.1518	.6972	.7361					
.5000	-.6233	.4673	1.1016	.9500	.1544	.6980	.7349					
.5400	-.6481	.4599	1.1144									
.5799	-.6785	.4509	1.1301									
.6201	-.7410	.4323	1.1632									
.6600	-.8192	.4091	1.2059									
.7000	-.5984	.4747	1.0889									
.7500	-.2750	.5706	.9319									
.8000	-.1397	.6107	.8692									
.8500	-.0410	.6400	.8240									
.9237	.0520	.6676	.7817									
.9749	.1062	.6837	.7569									

PT 3.3260 ATM
 TT 199.7741 K
 RC 5.9986 MILLION
 MACH .8008
 ALPHA .0171 DEG

CN .3303
 CM -.0695
 CC .0158

CD2 .02216
 CD3 .01873
 CD4 .01586
 CD5 .01270
 CD6 .01289

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1489	.9935	.0961
.0040	.9088	.9227	.3404
.0150	.3776	.7661	.6282
.0250	.1592	.7017	.7291
.0400	-.1146	.6210	.8534
.0600	-.3092	.5636	.9430
.0800	-.4358	.5263	1.0029
.1000	-.5668	.4876	1.0668
.1400	-.6171	.4728	1.0921
.1799	-.6860	.4525	1.1273
.2201	-.7199	.4425	1.1450
.2600	-.7391	.4368	1.1551
.3000	-.7490	.4339	1.1604
.3400	-.7642	.4294	1.1685
.3801	-.7743	.4265	1.1739
.4199	-.7915	.4214	1.1832
.4600	-.8070	.4168	1.1916
.5000	-.8370	.4080	1.2081
.5400	-.8673	.3990	1.2250
.5799	-.9094	.3866	1.2489
.6201	-.8950	.3909	1.2406
.6600	-.4865	.5113	1.0273
.7000	-.3414	.5541	.9581
.7500	-.2406	.5838	.9111
.8000	-.1525	.6098	.8707
.8500	-.0804	.6311	.8378
.9237	-.0051	.6533	.8036
.9749	.0496	.6694	.7789

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1489	.9935	.0961
.0040	.0443	.6678	.7813
.0080	-.1267	.6174	.8589
.0262	-.0372	.6438	.8182
.0500	-.0184	.6494	.8096
.1000	-.0744	.6328	.8351
.1500	-.1170	.6203	.8544
.2000	-.1708	.6044	.8790
.2500	-.2177	.5906	.9006
.3500	-.3832	.5418	.9778
.4500	-.5678	.4873	1.0673
.5500	-.3694	.5458	.9713
.6500	-.1356	.6148	.8629
.7500	.0049	.6562	.7991
.8000	.0731	.6763	.7682
.8500	.1133	.6882	.7500
.9000	.1419	.6966	.7370
.9500	.1295	.6929	.7426

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.7464	.4347
.5000	.5427	-.7742	.4265
.5000	.3454	-.8156	.4143
.5000	.1480	-.8343	.4088
.5000	-.1480	-.8442	.4059
.5000	-.5427	-.7791	.4250
.5000	-.7401	-.7360	.4377

MLOC 1.1590
 1.1739
 1.1963
 1.2066
 1.2121
 1.1765
 1.1535

PT 3.3273 ATM
 TT 199.7359 K
 RC 6.0006 MILLION
 MACH .8003
 ALPHA 1.0295 DEG

CN .4017
 CM -.0619
 CC .0179

CD2 .04019
 CD3 .03421
 CD4 .02721
 CD5 .02229
 CD6 .01769

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1659	.9988	.0418
.0040	.7370	.8726	.4450
.0150	.2452	.7280	.6884
.0250	.0415	.6680	.7810
.0400	-.2356	.5865	.9069
.0600	-.4180	.5329	.9921
.0800	-.5412	.4966	1.0517
.1000	-.6704	.4586	1.1166
.1400	-.7311	.4408	1.1481
.1799	-.8031	.4196	1.1865
.2201	-.8322	.4110	1.2023
.2600	-.8459	.4070	1.2098
.3000	-.8543	.4045	1.2145
.3400	-.8734	.3989	1.2251
.3801	-.8792	.3972	1.2284
.4199	-.8970	.3920	1.2384
.4600	-.9139	.3870	1.2481
.5000	-.9474	.3772	1.2674
.5400	-.9410	.3790	1.2637
.5799	-.5881	.4828	1.0749
.6201	-.3915	.5407	.9796
.6600	-.3320	.5582	.9516
.7000	-.2938	.5694	.9338
.7500	-.2426	.5845	.9101
.8000	-.2015	.5966	.8912
.8500	-.1813	.6025	.8820
.9237	-.1157	.6218	.8521
.9749	-.0995	.6266	.8447

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1659	.9988	.0418
.0040	.3122	.7477	.6575
.0080	.1319	.6946	.7401
.0262	.1260	.6929	.7427
.0500	.0962	.6841	.7562
.1000	.0222	.6624	.7897
.1500	-.0356	.6454	.8158
.2000	-.1086	.6239	.8489
.2500	-.1526	.6109	.8689
.3500	-.3218	.5612	.9468
.4500	-.4949	.5103	1.0291
.5500	-.3759	.5453	.9722
.6500	-.1479	.6123	.8667
.7500	.0016	.6563	.7990
.8000	.0501	.6706	.7770
.8500	.0766	.6784	.7651
.9000	.0942	.6835	.7571
.9500	.0612	.6738	.7720

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.8831	.3961
.5000	.5427	-.9135	.3871
.5000	.3454	-.9502	.3763
.5000	.1480	-.9468	.3773
.5000	-.1480	-.9525	.3757
.5000	-.5427	-.9277	.3829
.5000	-.7401	-.8842	.3957

MLOC 1.2306
 1.2478
 1.2690
 1.2670
 1.2703
 1.2560
 1.2312

PT 3.3269 ATM
 TT 199.8557 K
 RC 5.9972 MILLION
 MACH .8009
 ALPHA 1.5376 DEG

CN .4160
 CM -.0562
 CC .0199

CD2 .04882
 CD3 .04248
 CD4 .03355
 CD5 .02830
 CD6 .02391

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1670	.9988	.0417	0.0000	1.1670	.9988	.0417	.5000	.7401	-.9229	.3819	1.2580
.0040	.6996	.8608	.4671	.0040	.3978	.7717	.6192	.5000	.5427	-.9524	.3732	1.2752
.0150	.2001	.7134	.7111	.0080	.2195	.7191	.7022	.5000	.3454	-.9910	.3618	1.2982
.0250	.0023	.6550	.8010	.0262	.1865	.7094	.7173	.5000	.1480	-.9846	.3637	1.2943
.0400	-.2767	.5726	.9287	.0500	.1573	.7008	.7306	.5000	-.1480	-.9930	.3612	1.2994
.0600	-.4568	.5195	1.0139	.1000	.0571	.6712	.7761	.5000	-.5427	-.9775	.3658	1.2901
.0800	-.5748	.4847	1.0718	.1500	-.0053	.6528	.8044	.5000	-.7401	-.9362	.3780	1.2658
.1000	-.7076	.4455	1.1397	.2000	-.0854	.6291	.8408					
.1400	-.7704	.4269	1.1731	.2500	-.1270	.6168	.8598					
.1799	-.8400	.4064	1.2111	.3500	-.3106	.5626	.9445					
.2201	-.8699	.3976	1.2278	.4500	-.4828	.5118	1.0266					
.2600	-.8882	.3921	1.2381	.5500	-.3786	.5426	.9765					
.3000	-.8977	.3893	1.2435	.6500	-.1574	.6078	.8737					
.3400	-.9096	.3858	1.2504	.7500	-.0223	.6477	.8121					
.3801	-.9210	.3825	1.2569	.8000	.0237	.6613	.7913					
.4199	-.9371	.3777	1.2663	.8500	.0573	.6712	.7760					
.4600	-.9524	.3732	1.2753	.9000	.0687	.6746	.7709					
.5000	-.9582	.3715	1.2787	.9500	.0225	.6610	.7918					
.5400	-.6249	.4699	1.0971									
.5799	-.4219	.5298	.9972									
.6201	-.3600	.5480	.9677									
.6600	-.3305	.5568	.9538									
.7000	-.3154	.5612	.9467									
.7500	-.2755	.5730	.9281									
.8000	-.2321	.5858	.9080									
.8500	-.2015	.5948	.8939									
.9237	-.1792	.6014	.8837									
.9749	-.1457	.6113	.8683									

PT 3.3251 ATM
 TT 199.7492 K
 RC 6.0103 MILLION
 MACH .8039
 ALPHA 2.0060 DEG

CN .4398
 CM -.0537
 CC .0196

CD2 .05552
 CD3 .04959
 CD4 .03943
 CD5 .03648
 CD6 .03194

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1676	.9990	.0384	0.0000	1.1676	.9990	.0384	.5000	.7401	-.9662	.3692	1.2832
.0040	.6397	.8432	.4991	.0040	.5006	.8021	.5695	.5000	.5427	-.9972	.3601	1.3017
.0150	.1357	.6944	.7403	.0080	.3046	.7443	.6628	.5000	.3454	-1.0259	.3516	1.3191
.0250	-.0470	.6405	.8233	.0262	.2468	.7272	.6895	.5000	.1480	-.9384	.3774	1.2668
.0400	-.3300	.5570	.9535	.0500	.1900	.7104	.7156	.5000	-.1480	-1.0000	.3592	1.3034
.0600	-.4956	.5081	1.0326	.1000	.0928	.6818	.7598	.5000	-.5427	-1.0145	.3550	1.3122
.0800	-.6199	.4714	1.0944	.1500	.0048	.6558	.7998	.5000	-.7401	-.9647	.3697	1.2823
.1000	-.7434	.4350	1.1585	.2000	-.0544	.6383	.8266					
.1400	-.8067	.4163	1.1925	.2500	-.1038	.6237	.8491					
.1799	-.8827	.3939	1.2348	.3500	-.2807	.5716	.9304					
.2201	-.9116	.3853	1.2513	.4500	-.4645	.5173	1.0175					
.2600	-.9243	.3816	1.2586	.5500	-.3844	.5409	.9791					
.3000	-.9350	.3784	1.2649	.6500	-.1607	.6070	.8751					
.3400	-.9494	.3742	1.2733	.7500	-.0121	.6508	.8074					
.3801	-.9556	.3724	1.2769	.8000	.0293	.6630	.7887					
.4199	-.9698	.3682	1.2853	.8500	.0458	.6679	.7811					
.4600	-.9849	.3637	1.2943	.9000	.0608	.6723	.7744					
.5000	-.8336	.4084	1.2074	.9500	.0157	.6590	.7948					
.5400	-.4888	.5101	1.0293									
.5799	-.4053	.5348	.9891									
.6201	-.3623	.5475	.9687									
.6600	-.3305	.5568	.9537									
.7000	-.3007	.5656	.9397									
.7500	-.2728	.5739	.9268									
.8000	-.2468	.5816	.9147									
.8500	-.2153	.5908	.9001									
.9237	-.1900	.5983	.8885									
.9749	-.1770	.6021	.8826									

PT 3.3271 ATM
 TT 199.7477 K
 RC 6.0046 MILLION
 MACH .8016
 ALPHA 2.5025 DEG

CN .4668
 CM -.0518
 CC .0211

CD2 .06425
 CD3 .05751
 CD4 .04289
 CD5 .03771
 CD6 .04123

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1624	.9975	.0597	0.0000	1.1624	.9975	.0597	.5000	.7401	-1.0019	.3594	1.3032
.0040	.5747	.8242	.5322	.0040	.5799	.8258	.5296	.5000	.5427	-1.0389	.3485	1.3257
.0150	.0794	.6782	.7654	.0080	.3944	.7711	.6202	.5000	.3454	-1.0351	.3496	1.3234
.0250	-.0991	.6255	.8463	.0262	.3076	.7455	.6610	.5000	.1480	-.6528	.4623	1.1102
.0400	-.3805	.5426	.9765	.0500	.2469	.7276	.6890	.5000	-.1480	-.6631	.4592	1.1155
.0600	-.5554	.4910	1.0611	.1000	.1302	.6932	.7423	.5000	-.5427	-1.0763	.3374	1.3491
.0800	-.6544	.4618	1.1110	.1500	.0459	.6683	.7805	.5000	-.7401	-1.0196	.3541	1.3139
.1000	-.7885	.4223	1.1816	.2000	-.0266	.6469	.8134					
.1400	-.8486	.4045	1.2145	.2500	-.0740	.6330	.8349					
.1799	-.9219	.3829	1.2560	.3500	-.2621	.5775	.9211					
.2201	-.9503	.3746	1.2725	.4500	-.4397	.5251	1.0047					
.2600	-.9671	.3696	1.2824	.5500	-.3750	.5442	.9739					
.3000	-.9789	.3661	1.2894	.6500	-.1625	.6069	.8752					
.3400	-.9883	.3634	1.2950	.7500	-.0301	.6459	.8149					
.3801	-.9997	.3600	1.3019	.8000	.0113	.6581	.7962					
.4199	-1.0131	.3560	1.3100	.8500	.0361	.6654	.7850					
.4600	-.9673	.3695	1.2825	.9000	.0441	.6678	.7814					
.5000	-.5372	.4964	1.0521	.9500	-.0116	.6513	.8066					
.5400	-.4310	.5277	1.0005									
.5799	-.3998	.5369	.9857									
.6201	-.3682	.5462	.9707									
.6600	-.3447	.5531	.9596									
.7000	-.3303	.5574	.9528									
.7500	-.2992	.5665	.9383									
.8000	-.2673	.5760	.9235									
.8500	-.2482	.5816	.9146									
.9237	-.2362	.5851	.9091									
.9749	-.2136	.5918	.8987									

PT 3.3267 ATM
 TT 199.6993 K
 RC 6.0148 MILLION
 MACH .8038
 ALPHA 2.9938 DEG

CN .5011
 CM -.0532
 CC .0225

CD2 .07229
 CD3 .06197
 CD4 .05289
 CD5 .04764
 CD6 .04644

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1656	.9987	.0433	0.0000	1.1656	.9987	.0433	.5000	.7401	-1.0475	.3479	1.3269
.0040	.5099	.8059	.5633	.0040	.6596	.8499	.4871	.5000	.5427	-1.0579	.3448	1.3334
.0150	.0168	.6608	.7920	.0080	.4665	.7931	.5844	.5000	.3454	-.7570	.4333	1.1615
.0250	-.1513	.6114	.8681	.0262	.3591	.7615	.6355	.5000	.1480	-.5659	.4895	1.0637
.0400	-.4362	.5276	1.0006	.0500	.2814	.7387	.6716	.5000	-.1480	-.5398	.4972	1.0508
.0600	-.6100	.4765	1.0857	.1000	.1603	.7031	.7270	.5000	-.5427	-1.1241	.3253	1.3754
.0800	-.7114	.4467	1.1376	.1500	.0842	.6807	.7615	.5000	-.7401	-1.0576	.3449	1.3332
.1000	-.8267	.4128	1.1990	.2000	.0136	.6599	.7934					
.1400	-.8896	.3943	1.2340	.2500	-.0527	.6404	.8234					
.1799	-.9669	.3716	1.2785	.3500	-.2277	.5890	.9031					
.2201	-.9958	.3631	1.2956	.4500	-.4138	.5342	.9900					
.2600	-1.0102	.3588	1.3043	.5500	-.3763	.5453	.9722					
.3000	-1.0213	.3556	1.3109	.6500	-.1676	.6066	.8756					
.3400	-1.0350	.3515	1.3193	.7500	-.0334	.6461	.8147					
.3801	-1.0417	.3496	1.3234	.8000	.0076	.6582	.7961					
.4199	-1.0258	.3543	1.3136	.8500	.0248	.6632	.7883					
.4600	-.7341	.4400	1.1494	.9000	.0319	.6653	.7852					
.5000	-.4974	.5096	1.0301	.9500	-.0246	.6487	.8107					
.5400	-.4480	.5242	1.0063									
.5799	-.4181	.5329	.9920									
.6201	-.3904	.5411	.9789									
.6600	-.3730	.5462	.9706									
.7000	-.3626	.5493	.9657									
.7500	-.3165	.5628	.9442									
.8000	-.3005	.5676	.9367									
.8500	-.2944	.5693	.9339									
.9237	-.2570	.5803	.9166									
.9749	-.2425	.5846	.9099									

PT 3.1896 ATM
 TT 119.3173 K
 RC 10.1087 MILLION
 MACH .6073
 ALPHA -.9877 DEG

CN .1979
 CM -.0591
 CC .0097

CD2 .00829
 CD3 .00813
 CD4 .00824
 CD5 .00837
 CD6 .00812

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0467	.9902	.1189	0.0000	1.0467	.9902	.1189	.5000	.7401	-.4412	.6915	.7466
.0040	.8103	.9427	.2918	.0040	-.2568	.7285	.6891	.5000	.5427	-.4584	.6881	.7519
.0150	.3035	.8410	.5042	.0080	-.3603	.7078	.7215	.5000	.3454	-.4604	.6877	.7525
.0250	.0792	.7960	.5812	.0262	-.1701	.7459	.6618	.5000	.1480	-.4600	.6878	.7524
.0400	-.1699	.7460	.6617	.0500	-.1035	.7593	.6406	.5000	-.1480	-.4707	.6856	.7557
.0600	-.3277	.7143	.7113	.1000	-.1541	.7492	.6567	.5000	-.5427	-.4648	.6868	.7539
.0800	-.4237	.6950	.7411	.1500	-.1701	.7459	.6618	.5000	-.7401	-.4517	.6894	.7498
.1000	-.4589	.6880	.7520	.2000	-.1980	.7403	.6706					
.1400	-.4758	.6846	.7573	.2500	-.2269	.7345	.6798					
.1799	-.4759	.6845	.7573	.3500	-.3083	.7182	.7053					
.2201	-.4630	.6872	.7533	.4500	-.3639	.7070	.7226					
.2600	-.4475	.6903	.7485	.5500	-.2894	.7220	.6994					
.3000	-.4353	.6927	.7447	.6500	-.1236	.7553	.6470					
.3400	-.4403	.6917	.7463	.7500	.0121	.7825	.6033					
.3801	-.4408	.6916	.7464	.8000	.0660	.7933	.5855					
.4199	-.4513	.6895	.7497	.8500	.1113	.8024	.5705					
.4600	-.4569	.6884	.7514	.9000	.1504	.8103	.5573					
.5000	-.4664	.6865	.7543	.9500	.1650	.8132	.5524					
.5400	-.4753	.6847	.7571									
.5799	-.4864	.6825	.7605									
.6201	-.4913	.6815	.7621									
.6600	-.4816	.6834	.7591									
.7000	-.4551	.6887	.7508									
.7500	-.3784	.7041	.7271									
.8000	-.2695	.7260	.6931									
.8500	-.1276	.7545	.6483									
.9237	.0521	.7905	.5901									
.9749	.1565	.8115	.5552									

PT 3.1777 ATM
 TT 119.1907 K
 RC 10.0153 MILLION
 MACH .6014
 ALPHA .0079 DEG

CN .3111
 CM -.0589
 CC .0076

CD2 .00842
 CD3 .00821
 CD4 .00839
 CD5 .00849
 CD6 .00792

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0918	.9995	.0275	0.0000	1.0918	.9995	.0275	.5000	.7401	-.4734	.6881	.7519
.0040	.6014	.9019	.3873	.0040	.1736	.8168	.5463	.5000	.5427	-.4925	.6843	.7577
.0150	.0776	.7977	.5783	.0080	.0105	.7843	.6003	.5000	.3454	-.4933	.6841	.7580
.0250	-.1315	.7561	.6457	.0262	.0446	.7911	.5891	.5000	.1480	-.4931	.6842	.7579
.0400	-.3742	.7078	.7214	.0500	.0399	.7902	.5907	.5000	-.1480	-.5025	.6823	.7608
.0600	-.5121	.6804	.7638	.1000	-.0339	.7755	.6146	.5000	-.5427	-.4942	.6839	.7583
.0800	-.5941	.6641	.7888	.1500	-.0708	.7682	.6264	.5000	-.7401	-.4801	.6867	.7539
.1000	-.6090	.6611	.7934	.2000	-.1117	.7600	.6395					
.1400	-.5951	.6639	.7891	.2500	-.1489	.7526	.6512					
.1799	-.5781	.6673	.7839	.3500	-.2373	.7351	.6790					
.2201	-.5484	.6732	.7748	.4500	-.3037	.7218	.6996					
.2600	-.5192	.6790	.7659	.5500	-.2475	.7330	.6821					
.3000	-.4965	.6835	.7589	.6500	-.0940	.7636	.6338					
.3400	-.4964	.6835	.7589	.7500	.0359	.7894	.5920					
.3801	-.4884	.6851	.7565	.8000	.0865	.7995	.5754					
.4199	-.4929	.6842	.7579	.8500	.1248	.8071	.5627					
.4600	-.4932	.6841	.7580	.9000	.1613	.8143	.5504					
.5000	-.5000	.6828	.7600	.9500	.1747	.8170	.5459					
.5400	-.5043	.6819	.7613									
.5799	-.5090	.6810	.7628									
.6201	-.5091	.6810	.7628									
.6600	-.4964	.6835	.7589									
.7000	-.4638	.6900	.7489									
.7500	-.3805	.7066	.7233									
.8000	-.2705	.7284	.6893									
.8500	-.1296	.7565	.6451									
.9237	.0601	.7942	.5841									
.9749	.1610	.8143	.5505									

PT 3.1779 ATM
 TT 119.3343 K
 RC 10.0222 MILLION
 MACH .6034
 ALPHA 1.0834 DEG

CN .4393
 CM -.0587
 CC .0022

CD2 .00910
 CD3 .00871
 CD4 .00877
 CD5 .00908
 CD6 .00831

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0904	.9990	.0370
.0040	.3037	.8417	.5030
.0150	-.2127	.7384	.6737
.0250	-.3882	.7033	.7284
.0400	-.6328	.6544	.8037
.0600	-.7504	.6308	.8400
.0800	-.8163	.6177	.8603
.1000	-.8082	.6193	.8578
.1400	-.7524	.6305	.8406
.1799	-.7116	.6386	.8280
.2201	-.6607	.6488	.8123
.2600	-.6148	.6580	.7982
.3000	-.5806	.6648	.7877
.3400	-.5726	.6664	.7852
.3801	-.5553	.6699	.7799
.4199	-.5531	.6703	.7792
.4600	-.5474	.6715	.7774
.5000	-.5503	.6709	.7783
.5400	-.5493	.6711	.7781
.5799	-.5478	.6714	.7776
.6201	-.5418	.6726	.7757
.6600	-.5255	.6758	.7707
.7000	-.4856	.6838	.7584
.7500	-.3944	.7021	.7303
.8000	-.2791	.7251	.6945
.8500	-.1356	.7538	.6493
.9237	.0545	.7929	.5863
.9749	.1558	.8121	.5542

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0904	.9990	.0370
.0040	.5391	.8888	.4144
.0080	.3355	.8481	.4916
.0262	.2470	.8304	.5229
.0500	.1877	.8185	.5434
.1000	.0823	.7974	.5788
.1500	.0258	.7861	.5974
.2000	-.0231	.7763	.6133
.2500	-.0745	.7661	.6298
.3500	-.1729	.7464	.6611
.4500	-.2509	.7308	.6857
.5500	-.2106	.7388	.6730
.6500	-.0700	.7670	.6284
.7500	.0525	.7914	.5886
.8000	.0993	.8008	.5732
.8500	.1325	.8075	.5621
.9000	.1656	.8141	.5509
.9500	.1754	.8160	.5476

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5200	.6769	.7690
.5000	.5427	-.5419	.6726	.7758
.5000	.3454	-.5431	.6723	.7761
.5000	.1480	-.5441	.6721	.7765
.5000	-.1480	-.5528	.6704	.7791
.5000	-.5427	-.5443	.6721	.7765
.5000	-.7401	-.5293	.6751	.7719

PT 3.1784 ATM
 TT 119.6414 K
 RC 10.0488 MILLION
 MACH .6086
 ALPHA 2.0567 DEG

CN .5618
 CM -.0577
 CC -.0062

CD2 .00906
 CD3 .00887
 CD4 .00892
 CD5 .00881
 CD6 .00833

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0716	.9951	.0838
.0040	-.0277	.7739	.6171
.0150	-.5199	.6749	.7721
.0250	-.6596	.6468	.8154
.0400	-.9193	.5946	.8962
.0600	-1.0115	.5760	.9253
.0800	-1.0578	.5667	.9400
.1000	-1.0244	.5734	.9294
.1400	-.9200	.5944	.8964
.1799	-.8463	.6093	.8734
.2201	-.7729	.6240	.8505
.2600	-.7147	.6357	.8324
.3000	-.6687	.6450	.8182
.3400	-.6476	.6492	.8116
.3801	-.6242	.6539	.8044
.4199	-.6173	.6553	.8023
.4600	-.6055	.6577	.7986
.5000	-.6005	.6587	.7971
.5400	-.5937	.6601	.7950
.5799	-.5912	.6606	.7942
.6201	-.5789	.6630	.7904
.6600	-.5517	.6685	.7820
.7000	-.5075	.6774	.7683
.7500	-.4092	.6972	.7378
.8000	-.2813	.7229	.6979
.8500	-.1284	.7537	.6495
.9237	.0540	.7904	.5904
.9749	.1476	.8092	.5591

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0716	.9951	.0838
.0040	.7809	.9366	.3076
.0080	.5774	.8957	.4003
.0262	.4083	.8617	.4667
.0500	.3216	.8442	.4985
.1000	.1835	.8164	.5469
.1500	.1123	.8021	.5710
.2000	.0488	.7893	.5921
.2500	-.0060	.7783	.6101
.3500	-.1205	.7553	.6470
.4500	-.2078	.7377	.6748
.5500	-.1744	.7444	.6642
.6500	-.0462	.7702	.6231
.7500	.0622	.7920	.5877
.8000	.1056	.8008	.5732
.8500	.1413	.8079	.5612
.9000	.1702	.8138	.5514
.9500	.1709	.8139	.5512

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5651	.6658	.7861
.5000	.5427	-.5862	.6616	.7926
.5000	.3454	-.5914	.6605	.7942
.5000	.1480	-.5926	.6603	.7946
.5000	-.1480	-.6033	.6581	.7979
.5000	-.5427	-.5953	.6597	.7955
.5000	-.7401	-.5797	.6629	.7906

PT 3.1848 ATM
 TT 119.6813 K
 RC 10.0011 MILLION
 MACH .6034
 ALPHA 3.0243 DEG

CN .6779
 CM -.0555
 CC -.0180

CD2 .00947
 CD3 .00932
 CD4 .00930
 CD5 .00908
 CD6 .00865

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.9838	.9779	.1793	0.0000	.9838	.9779	.1793	.5000	.7401	-.5995	.6621	.7919
.0040	-.4131	.6993	.7346	.0040	.9525	.9716	.2034	.5000	.5427	-.6204	.6579	.7983
.0150	-.8735	.6075	.8761	.0080	.7699	.9352	.3112	.5000	.3454	-.6246	.6571	.7996
.0250	-.9533	.5915	.9010	.0262	.5502	.8914	.4091	.5000	.1480	-.6259	.6568	.7999
.0400	-1.2390	.5346	.9914	.0500	.4389	.8692	.4526	.5000	-.1480	-.6371	.6546	.8034
.0600	-1.3015	.5221	1.0116	.1000	.2721	.8359	.5132	.5000	-.5427	-.6291	.6562	.8009
.0800	-1.3332	.5158	1.0220	.1500	.1967	.8209	.5393	.5000	-.7401	-.6130	.6594	.7960
.1000	-1.2490	.5326	.9946	.2000	.1248	.8066	.5635					
.1400	-1.0742	.5674	.9388	.2500	.0630	.7942	.5840					
.1799	-.9662	.5890	.9050	.3500	-.0580	.7701	.6233					
.2201	-.8687	.6084	.8747	.4500	-.1545	.7509	.6540					
.2600	-.7943	.6232	.8517	.5500	-.1350	.7547	.6479					
.3000	-.7361	.6349	.8338	.6500	-.0189	.7779	.6108					
.3400	-.7067	.6407	.8247	.7500	.0821	.7980	.5777					
.3801	-.6743	.6472	.8148	.8000	.1217	.8059	.5646					
.4199	-.6614	.6498	.8108	.8500	.1517	.8119	.5545					
.4600	-.6428	.6535	.8051	.9000	.1777	.8171	.5457					
.5000	-.6339	.6552	.8024	.9500	.1739	.8163	.5470					
.5400	-.6221	.6576	.7988									
.5799	-.6133	.6593	.7961									
.6201	-.5947	.6631	.7904									
.6600	-.5643	.6691	.7810									
.7000	-.5151	.6789	.7659									
.7500	-.4097	.6999	.7335									
.8000	-.2791	.7260	.6931									
.8500	-.1247	.7568	.6446									
.9237	.0571	.7930	.5860									
.9749	.1427	.8101	.5575									

PT 3.1986 ATM
 TT 119.6964 K
 RC 10.0578 MILLION
 MACH .6047
 ALPHA 4.0324 DEG

CN .7990
 CM -.0512
 CC -.0338

CD2 .01051
 CD3 .01029
 CD4 .01014
 CD5 .01006
 CD6 .00961

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLDC	X/C	CP	P,L/PT	MLDC	X/C	Y/(B/2)	CP	P,L/PT	MLDC
0.0000	.8419	.9496	.2731	0.0000	.8419	.9496	.2731	.5000	.7401	-.6326	.6556	.8019
.0040	-.8127	.6197	.8572	.0040	1.0481	.9907	.1157	.5000	.5427	-.6541	.6513	.8085
.0150	-1.2399	.5345	.9915	.0080	.9054	.9623	.2353	.5000	.3454	-.6591	.6503	.8100
.0250	-1.2085	.5408	.9814	.0262	.6664	.9146	.3598	.5000	.1480	-.6609	.6499	.8106
.0400	-1.5671	.4693	1.1001	.0500	.5429	.8900	.4120	.5000	-.1480	-.6724	.6477	.8141
.0600	-1.7115	.4405	1.1506	.1000	.3567	.8528	.4830	.5000	-.5427	-.6642	.6493	.8116
.0800	-1.7705	.4287	1.1718	.1500	.2738	.8363	.5125	.5000	-.7401	-.6472	.6527	.8064
.1000	-1.7600	.4308	1.1680	.2000	.1935	.8203	.5403					
.1400	-1.1723	.5480	.9698	.2500	.1268	.8070	.5628					
.1799	-1.0687	.5686	.9369	.3500	-.0035	.7810	.6057					
.2201	-.9589	.5905	.9025	.4500	-.1079	.7602	.6392					
.2600	-.8722	.6078	.8756	.5500	-.0994	.7619	.6365					
.3000	-.8047	.6213	.8548	.6500	.0050	.7827	.6029					
.3400	-.7662	.6289	.8429	.7500	.0969	.8010	.5728					
.3801	-.7266	.6368	.8307	.8000	.1329	.8082	.5607					
.4199	-.7083	.6405	.8251	.8500	.1597	.8136	.5517					
.4600	-.6838	.6454	.8176	.9000	.1820	.8180	.5442					
.5000	-.6694	.6483	.8131	.9500	.1723	.8161	.5475					
.5400	-.6519	.6517	.8078									
.5799	-.6384	.6544	.8036									
.6201	-.6135	.6594	.7960									
.6600	-.5767	.6667	.7847									
.7000	-.5218	.6777	.7679									
.7500	-.4095	.7001	.7333									
.8000	-.2736	.7272	.6913									
.8500	-.1172	.7584	.6421									
.9237	.0562	.7929	.5862									
.9749	.1336	.8084	.5605									

PT 3.1986 ATM
 TT 119.7091 K
 RC 10.0617 MILLION
 MACH .6051
 ALPHA 5.0018 DEG

CN .9165
 CM -.0450
 CC -.0522

CD2 .01436
 CD3 .01410
 CD4 .01404
 CD5 .01401
 CD6 .01342

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(8/2)	CP	P,L/PT	MLOC
0.0000	.6598	.9138	.3615	0.0000	.6598	.9138	.3615	.5000	.7401	-.6543	.6531	.8056
.0040	-1.1612	.5526	.9625	.0040	1.0851	.9982	.0505	.5000	.5427	-.6758	.6489	.8122
.0150	-1.8428	.4173	1.1926	.0080	.9935	.9801	.1701	.5000	.3454	-.6785	.6483	.8130
.0250	-1.3395	.5172	1.0197	.0262	.7600	.9337	.3149	.5000	.1480	-.6809	.6479	.8138
.0400	-1.7765	.4305	1.1685	.0500	.6168	.9053	.3801	.5000	-.1480	-.6911	.6458	.8169
.0600	-1.9518	.3957	1.2332	.1000	.4307	.8684	.4541	.5000	-.5427	-.6825	.6475	.8143
.0800	-2.0598	.3743	1.2750	.1500	.3383	.8500	.4880	.5000	-.7401	-.6674	.6503	.8096
.1000	-2.0799	.3703	1.2829	.2000	.2429	.8311	.5216					
.1400	-2.0263	.3809	1.2618	.2500	.1833	.8193	.5420					
.1799	-1.1306	.5586	.9528	.3500	.0500	.7929	.5863					
.2201	-.9662	.5913	.9014	.4500	-.0615	.7707	.6223					
.2600	-.8898	.6064	.8778	.5500	-.0664	.7698	.6239					
.3000	-.8308	.6181	.8597	.6500	.0274	.7884	.5937					
.3400	-.7954	.6251	.8488	.7500	.1139	.8055	.5653					
.3801	-.7529	.6336	.8358	.8000	.1466	.8120	.5544					
.4199	-.7319	.6377	.8294	.8500	.1670	.8161	.5475					
.4600	-.7035	.6434	.8207	.9000	.1868	.8200	.5408					
.5000	-.6874	.6465	.8158	.9500	.1753	.8177	.5447					
.5400	-.6666	.6507	.8094									
.5799	-.6461	.6547	.8032									
.6201	-.6164	.6606	.7941									
.6600	-.5786	.6682	.7825									
.7000	-.5191	.6799	.7644									
.7500	-.4036	.7029	.7290									
.8000	-.2708	.7292	.6881									
.8500	-.1210	.7589	.6412									
.9237	.0546	.7938	.5848									
.9749	.1290	.8085	.5602									

PT 3.1983 ATM
 TT 119.6848 K
 RC 10.0852 MILLION
 MACH .6069
 ALPHA 5.0100 DEG

CN .9181
 CM -.0455
 CC -.0512

CD2 .01463
 CD3 .01440
 CD4 .01426
 CD5 .01425
 CD6 .01368

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(8/2)	CP	P,L/PT	MLOC
0.0000	.6718	.9146	.3598	0.0000	.6718	.9146	.3598	.5000	.7401	-.6555	.6474	.8144
.0040	-1.1251	.5529	.9619	.0040	1.0838	.9976	.0591	.5000	.5427	-.6759	.6433	.8208
.0150	-1.8162	.4138	1.1992	.0080	.9924	.9791	.1740	.5000	.3454	-.6790	.6427	.8217
.0250	-1.3060	.5165	1.0208	.0262	.7585	.9321	.3190	.5000	.1480	-.6814	.6422	.8225
.0400	-1.7412	.4289	1.1715	.0500	.6192	.9040	.3829	.5000	-.1480	-.6919	.6401	.8257
.0600	-1.9231	.3922	1.2398	.1000	.4320	.8663	.4580	.5000	-.5427	-.6829	.6419	.8229
.0800	-2.0332	.3701	1.2833	.1500	.3399	.8478	.4921	.5000	-.7401	-.6679	.6449	.8183
.1000	-2.0574	.3652	1.2931	.2000	.2466	.8290	.5252					
.1400	-2.0398	.3688	1.2860	.2500	.1848	.8166	.5466					
.1799	-1.2500	.5277	1.0024	.3500	.0498	.7894	.5920					
.2201	-.9703	.5840	.9127	.4500	-.0618	.7669	.6284					
.2600	-.8711	.6040	.8815	.5500	-.0650	.7663	.6294					
.3000	-.8184	.6146	.8650	.6500	.0293	.7853	.5987					
.3400	-.7883	.6207	.8556	.7500	.1147	.8025	.5704					
.3801	-.7494	.6285	.8435	.8000	.1475	.8091	.5593					
.4199	-.7303	.6324	.8376	.8500	.1697	.8135	.5518					
.4600	-.7027	.6379	.8291	.9000	.1895	.8175	.5450					
.5000	-.6874	.6410	.8243	.9500	.1770	.8150	.5493					
.5400	-.6671	.6451	.8180									
.5799	-.6472	.6491	.8119									
.6201	-.6173	.6551	.8026									
.6600	-.5793	.6628	.7908									
.7000	-.5202	.6747	.7725									
.7500	-.4048	.6979	.7367									
.8000	-.2708	.7249	.6949									
.8500	-.1192	.7554	.6469									
.9237	.0543	.7903	.5905									
.9749	.1314	.8058	.5648									

PT 3.1977 ATM
 TT 119.6044 K
 RC 10.0725 MILLION
 MACH .6052
 ALPHA 7.0208 DEG

CN 1.0860
 CM -.0342
 CC -.0801

CD2 .03049
 CD3 .02813
 CD4 .02917
 CD5 .02915
 CD6 .02896

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.3583	.8536	.4815	0.0000	.3583	.8536	.4815	.5000	.7401	-.5852	.6660	.7858
.0040	-1.5944	.4653	1.1069	.0040	1.0856	.9983	.0499	.5000	.5427	-.6498	.6532	.8055
.0150	-2.3798	.3092	1.4133	.0080	1.0643	.9940	.0927	.5000	.3454	-.6651	.6501	.8103
.0250	-2.2623	.3325	1.3614	.0262	.8738	.9561	.2542	.5000	.1480	-.6697	.6492	.8116
.0400	-2.2867	.3277	1.3719	.0500	.7211	.9258	.3341	.5000	-.1480	-.6790	.6474	.8145
.0600	-2.3047	.3241	1.3798	.1000	.5319	.8882	.4157	.5000	-.5427	-.6653	.6501	.8103
.0800	-2.4623	.2928	1.4517	.1500	.4302	.8679	.4550	.5000	-.7401	-.6486	.6534	.8052
.1000	-2.3680	.3115	1.4080	.2000	.3399	.8500	.4881					
.1400	-2.3734	.3104	1.4104	.2500	.2607	.8342	.5162					
.1799	-1.7615	.4321	1.1656	.3500	.1155	.8054	.5656					
.2201	-1.4668	.4907	1.0636	.4500	-.0070	.7810	.6057					
.2600	-1.1621	.5513	.9644	.5500	-.0260	.7772	.6118					
.3000	-.8804	.6073	.8763	.6500	.0523	.7928	.5864					
.3400	-.7742	.6284	.8437	.7500	.1284	.8079	.5613					
.3801	-.7384	.6356	.8327	.8000	.1578	.8138	.5514					
.4199	-.7184	.6395	.8266	.8500	.1748	.8171	.5457					
.4600	-.6934	.6445	.8189	.9000	.1953	.8212	.5387					
.5000	-.6757	.6480	.8135	.9500	.1828	.8187	.5429					
.5400	-.6524	.6527	.8064									
.5799	-.6291	.6573	.7992									
.6201	-.5965	.6638	.7893									
.6600	-.5553	.6720	.7767									
.7000	-.4958	.6838	.7584									
.7500	-.3835	.7061	.7240									
.8000	-.2624	.7302	.6865									
.8500	-.1286	.7568	.6446									
.9237	.0303	.7884	.5936									
.9749	.1003	.8023	.5706									

PT 3.1897 ATM
 TT 119.4643 K
 RC 10.0641 MILLION
 MACH .6051
 ALPHA 8.0570 DEG

CN 1.1054
 CM -.0244
 CC -.0855

CD2 .04058
 CD3 .03857
 CD4 .04078
 CD5 .04043
 CD6 .04174

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.2734	.8359	.5132	0.0000	.2734	.8359	.5132	.5000	.7401	-.5414	.6732	.7748
.0040	-1.7182	.4382	1.1547	.0040	1.0814	.9973	.0622	.5000	.5427	-.6095	.6596	.7957
.0150	-2.4691	.2882	1.4627	.0080	1.0740	.9958	.0775	.5000	.3454	-.6426	.6530	.8059
.0250	-2.3812	.3058	1.4212	.0262	.8977	.9606	.2406	.5000	.1480	-.6437	.6528	.8062
.0400	-2.3947	.3031	1.4275	.0500	.7460	.9303	.3233	.5000	-.1480	-.6348	.6545	.8035
.0600	-2.4290	.2962	1.4435	.1000	.5536	.8919	.4081	.5000	-.5427	-.6118	.6591	.7964
.0800	-2.5637	.2693	1.5097	.1500	.4507	.8713	.4485	.5000	-.7401	-.6195	.6576	.7988
.1000	-2.4774	.2865	1.4667	.2000	.3553	.8523	.4840					
.1400	-2.4424	.2935	1.4499	.2500	.2752	.8363	.5126					
.1799	-1.6885	.4441	1.1441	.3500	.1232	.8059	.5646					
.2201	-1.5619	.4694	1.0999	.4500	-.0063	.7801	.6072					
.2600	-1.2998	.5217	1.0122	.5500	-.0332	.7747	.6159					
.3000	-1.0307	.5755	.9262	.6500	.0383	.7890	.5927					
.3400	-.8568	.6102	.8719	.7500	.1097	.8032	.5691					
.3801	-.7525	.6310	.8397	.8000	.1368	.8087	.5600					
.4199	-.7116	.6392	.8271	.8500	.1504	.8114	.5555					
.4600	-.6715	.6472	.8147	.9000	.1682	.8149	.5495					
.5000	-.6464	.6522	.8070	.9500	.1466	.8106	.5567					
.5400	-.6181	.6579	.7984									
.5799	-.5884	.6638	.7892									
.6201	-.5550	.6705	.7790									
.6600	-.5126	.6789	.7659									
.7000	-.4579	.6899	.7491									
.7500	-.3445	.7125	.7141									
.8000	-.2413	.7331	.6820									
.8500	-.1307	.7552	.6471									
.9237	-.0002	.7813	.6053									
.9749	.0542	.7921	.5875									

PT 2.8640 ATM
 TT 119.3613 K
 RC 10.0585 MILLION
 MACH .7057
 ALPHA -.9979 DEG

CN .1929
 CM -.0644
 CC .0106

CD2 .00926
 CD3 .00875
 CD4 .00881
 CD5 .00906
 CD6 .00847

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0673	.9843	.1505	0.0000	1.0673	.9843	.1505	.5000	.7401	-.4695	.6019	.8847
.0040	.8897	.9401	.2986	.0040	-.3050	.6428	.8214	.5000	.5427	-.4972	.5950	.8954
.0150	.4010	.8185	.5433	.0080	-.4355	.6104	.8715	.5000	.3454	-.5016	.5939	.8971
.0250	.1682	.7606	.6385	.0262	-.1933	.6706	.7786	.5000	.1480	-.5067	.5926	.8991
.0400	-.0917	.6959	.7397	.0500	-.1365	.6848	.7569	.5000	-.1480	-.5171	.5900	.9032
.0600	-.2719	.6511	.8087	.1000	-.1775	.6745	.7726	.5000	-.5427	-.5018	.5939	.8972
.0800	-.3964	.6201	.8565	.1500	-.1951	.6702	.7793	.5000	-.7401	-.4838	.5983	.8902
.1000	-.4497	.6068	.8770	.2000	-.2235	.6631	.7902					
.1400	-.4907	.5966	.8929	.2500	-.2571	.6547	.8031					
.1799	-.5045	.5932	.8983	.3500	-.3566	.6300	.8412					
.2201	-.4909	.5966	.8930	.4500	-.4223	.6136	.8665					
.2600	-.4767	.6001	.8875	.5500	-.3240	.6381	.8287					
.3000	-.4661	.6027	.8834	.6500	-.1276	.6870	.7535					
.3400	-.4720	.6013	.8856	.7500	.0241	.7247	.6950					
.3801	-.4773	.5999	.8877	.8000	.0829	.7394	.6721					
.4199	-.4869	.5976	.8914	.8500	.1307	.7513	.6533					
.4600	-.4955	.5954	.8947	.9000	.1738	.7620	.6363					
.5000	-.5131	.5910	.9016	.9500	.1921	.7665	.6290					
.5400	-.5247	.5881	.9061									
.5799	-.5378	.5849	.9112									
.6201	-.5411	.5841	.9125									
.6600	-.5284	.5872	.9076									
.7000	-.4811	.5990	.8892									
.7500	-.3815	.6238	.8507									
.8000	-.2570	.6548	.8030									
.8500	-.1060	.6924	.7452									
.9237	.0772	.7379	.6743									
.9749	.1590	.7583	.6422									

PT 2.8641 ATM
 TT 119.3501 K
 RC 10.0725 MILLION
 MACH .7070
 ALPHA .0102 DEG

CN .3242
 CM -.0642
 CC .0091

CD2 .00960
 CD3 .00890
 CD4 .00908
 CD5 .00923
 CD6 .00860

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1210	.9975	.0597	0.0000	1.1210	.9975	.0597	.5000	.7401	-.5258	.5862	.9092
.0040	.7135	.8957	.4002	.0040	.1182	.7471	.6600	.5000	.5427	-.5528	.5795	.9197
.0150	.2004	.7676	.6273	.0080	-.0375	.7082	.7207	.5000	.3454	-.5571	.5784	.9214
.0250	-.0248	.7113	.7158	.0262	.0217	.7230	.6978	.5000	.1480	-.5616	.5772	.9232
.0400	-.2941	.6441	.8195	.0500	.0264	.7241	.6959	.5000	-.1480	-.5731	.5744	.9277
.0600	-.4687	.6005	.8869	.1000	-.0527	.7044	.7266	.5000	-.5427	-.5569	.5784	.9214
.0800	-.5975	.5683	.9373	.1500	-.0919	.6946	.7417	.5000	-.7401	-.5377	.5832	.9138
.1000	-.6470	.5559	.9569	.2000	-.1329	.6843	.7575					
.1400	-.6647	.5515	.9640	.2500	-.1765	.6735	.7743					
.1799	-.6558	.5537	.9605	.3500	-.2861	.6461	.8164					
.2201	-.6181	.5631	.9455	.4500	-.3642	.6266	.8465					
.2600	-.5856	.5713	.9326	.5500	-.2863	.6460	.8165					
.3000	-.5608	.5775	.9229	.6500	-.1046	.6914	.7466					
.3400	-.5568	.5784	.9213	.7500	.0385	.7272	.6912					
.3801	-.5533	.5793	.9200	.8000	.0939	.7410	.6695					
.4199	-.5567	.5785	.9213	.8500	.1379	.7520	.6522					
.4600	-.5589	.5779	.9221	.9000	.1781	.7620	.6362					
.5000	-.5712	.5749	.9270	.9500	.1916	.7654	.6308					
.5400	-.5765	.5735	.9240									
.5799	-.5825	.5720	.9314									
.6201	-.5793	.5728	.9301									
.6600	-.5562	.5786	.9211									
.7000	-.4997	.5927	.8990									
.7500	-.3898	.6202	.8563									
.8000	-.2582	.6530	.8057									
.8500	-.1041	.6915	.7465									
.9237	.0775	.7369	.6760									
.9749	.1554	.7563	.6453									

PT 2.8638 ATM
 TT 119.2997 K
 RC 10.0637 MILLION
 MACH .7055
 ALPHA 1.0081 DEG

CN .4618
 CM -.0621
 CC .0036

CD2 .01018
 CD3 .00925
 CD4 .00947
 CD5 .00962
 CD6 .00898

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1226	.9976	.0585	0.0000	1.1226	.9976	.0585	.5000	.7401	-.5711	.5723	.9310
.0040	.4817	.8367	.5119	.0040	.4770	.8355	.5139	.5000	.5427	-.6018	.5646	.9432
.0150	-.0318	.7077	.7215	.0080	.2849	.7872	.5955	.5000	.3454	-.6082	.5629	.9458
.0250	-.2355	.6565	.8003	.0262	.2266	.7726	.6192	.5000	.1480	-.6141	.5615	.9482
.0400	-.5204	.5850	.9111	.0500	.1716	.7588	.6414	.5000	-.1480	-.6275	.5581	.9535
.0600	-.6898	.5424	.9785	.1000	.0692	.7331	.6820	.5000	-.5427	-.6103	.5624	.9466
.0800	-.8268	.5080	1.0346	.1500	.0109	.7184	.7048	.5000	-.7401	-.5916	.5671	.9392
.1000	-.9114	.4868	1.0701	.2000	-.0410	.7054	.7250					
.1400	-.9393	.4798	1.0819	.2500	-.0948	.6919	.7459					
.1799	-.8839	.4937	1.0584	.3500	-.2149	.6617	.7923					
.2201	-.7482	.5278	1.0022	.4500	-.3049	.6391	.8271					
.2600	-.6887	.5427	.9781	.5500	-.2463	.6538	.8045					
.3000	-.6516	.5520	.9631	.6500	-.0804	.6955	.7403					
.3400	-.6375	.5556	.9575	.7500	.0532	.7291	.6882					
.3801	-.6255	.5586	.9527	.8000	.1050	.7421	.6678					
.4199	-.6213	.5596	.9510	.8500	.1451	.7521	.6520					
.4600	-.6162	.5609	.9490	.9000	.1821	.7614	.6372					
.5000	-.6230	.5592	.9517	.9500	.1901	.7634	.6340					
.5400	-.6207	.5598	.9508									
.5799	-.6197	.5601	.9504									
.6201	-.6071	.5632	.9454									
.6600	-.5770	.5708	.9334									
.7000	-.5111	.5873	.9074									
.7500	-.3917	.6173	.8608									
.8000	-.2536	.6520	.8073									
.8500	-.0983	.6910	.7473									
.9237	.0776	.7352	.6787									
.9749	.1493	.7532	.6503									

PT 2.8641 ATM
 TT 119.2891 K
 RC 10.0373 MILLION
 MACH .7024
 ALPHA 2.0264 DEG

CN .5872
 CM -.0596
 CC -.0038

CD2 .01140
 CD3 .01043
 CD4 .01066
 CD5 .01080
 CD6 .01017

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1209	.9978	.0556	0.0000	1.1209	.9978	.0556	.5000	.7401	-.6037	.5701	.9345
.0040	.2444	.7804	.6065	.0040	.7010	.8937	.4044	.5000	.5427	-.6301	.5635	.9449
.0150	-.2510	.6576	.7987	.0080	.5052	.8451	.4968	.5000	.3454	-.6345	.5624	.9466
.0250	-.4258	.6142	.8656	.0262	.3695	.8115	.5552	.5000	.1480	-.6393	.5612	.9485
.0400	-.7219	.5407	.9813	.0500	.2876	.7912	.5890	.5000	-.1480	-.6530	.5578	.9539
.0600	-.8843	.5005	1.0471	.1000	.1637	.7604	.6388	.5000	-.5427	-.6384	.5615	.9481
.0800	-1.0067	.4701	1.0985	.1500	.0923	.7427	.6668	.5000	-.7401	-.6236	.5651	.9424
.1000	-1.0866	.4503	1.1330	.2000	.0316	.7276	.6905					
.1400	-1.1628	.4314	1.1668	.2500	-.0275	.7130	.7133					
.1799	-1.2186	.4175	1.1920	.3500	-.1543	.6815	.7618					
.2201	-1.1962	.4231	1.1818	.4500	-.2506	.6576	.7986					
.2600	-.8525	.5083	1.0341	.5500	-.2077	.6683	.7822					
.3000	-.6534	.5577	.9541	.6500	-.0571	.7056	.7246					
.3400	-.6441	.5600	.9504	.7500	.0668	.7364	.6768					
.3801	-.6448	.5599	.9507	.8000	.1150	.7483	.6580					
.4199	-.6458	.5596	.9511	.8500	.1526	.7577	.6432					
.4600	-.6433	.5602	.9501	.9000	.1869	.7662	.6296					
.5000	-.6489	.5589	.9523	.9500	.1914	.7673	.6278					
.5400	-.6436	.5602	.9502									
.5799	-.6386	.5614	.9482									
.6201	-.6211	.5657	.9413									
.6600	-.5860	.5744	.9276									
.7000	-.5176	.5914	.9010									
.7500	-.3962	.6215	.8542									
.8000	-.2562	.6563	.8007									
.8500	-.1014	.6947	.7416									
.9237	.0743	.7382	.6738									
.9749	.1470	.7563	.6454									

PT 2.8640 ATM
 TT 119.2946 K
 RC 10.0358 MILLION
 MACH .7023
 ALPHA 2.9938 DEG

CN .7559
 CM -.0589
 CC -.0141

CD2 .01670
 CD3 .01526
 CD4 .01567
 CD5 .01625
 CD6 .01576

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC
0.0000	1.0856	.9892	.1249	0.0000	1.0856	.9892	.1249
.0040	-.0227	.7147	.7106	.0040	.8896	.9406	.2973
.0150	-.4915	.5985	.8899	.0080	.7049	.8949	.4020
.0250	-.6120	.5687	.9367	.0262	.5167	.8483	.4912
.0400	-.9251	.4911	1.0627	.0500	.4151	.8231	.5354
.0600	-1.1033	.4470	1.1388	.1000	.2663	.7862	.5971
.0800	-1.2097	.4207	1.1863	.1500	.1826	.7655	.6306
.1000	-1.2681	.4062	1.2132	.2000	.1142	.7486	.6576
.1400	-1.3387	.3887	1.2465	.2500	.0493	.7325	.6829
.1799	-1.4068	.3718	1.2796	.3500	-.0824	.6999	.7336
.2201	-1.4088	.3713	1.2806	.4500	-.1860	.6742	.7731
.2600	-1.3892	.3762	1.2710	.5500	-.1586	.6810	.7627
.3000	-1.3713	.3806	1.2622	.6500	-.0231	.7146	.7108
.3400	-1.2099	.4206	1.1864	.7500	.0915	.7430	.6664
.3801	-.7247	.5408	.9812	.8000	.1365	.7541	.6488
.4199	-.6057	.5703	.9342	.8500	.1709	.7626	.6353
.4600	-.5727	.5784	.9213	.9000	.2035	.7707	.6223
.5000	-.5868	.5750	.9268	.9500	.2058	.7713	.6214
.5400	-.5984	.5721	.9314				
.5799	-.6063	.5701	.9345				
.6201	-.5982	.5721	.9313				
.6600	-.5700	.5791	.9203				
.7000	-.5071	.5947	.8959				
.7500	-.3927	.6230	.8519				
.8000	-.2580	.6564	.8005				
.8500	-.1042	.6945	.7419				
.9237	.0765	.7392	.6723				
.9749	.1573	.7592	.6406				

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6066	.5700	.9346
.5000	.5427	-.6000	.5717	.9320
.5000	.3454	-.5864	.5750	.9267
.5000	.1480	-.5825	.5760	.9252
.5000	-.1480	-.5912	.5738	.9286
.5000	-.5427	-.5937	.5732	.9295
.5000	-.7401	-.6133	.5684	.9372

PT 2.8639 ATM
 TT 119.3817 K
 RC 10.0217 MILLION
 MACH .7020
 ALPHA 4.0019 DEG

CN .9045
 CM -.0617
 CC -.0233

CD2 .02722
 CD3 .02531
 CD4 .02610
 CD5 .02686
 CD6 .02671

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC
0.0000	1.0191	.9726	.1996	0.0000	1.0191	.9726	.1996
.0040	-.2615	.6553	.8022	.0040	1.0014	.9683	.2153
.0150	-.7012	.5463	.9723	.0080	.8363	.9273	.3304
.0250	-.7507	.5340	.9921	.0262	.6207	.8739	.4435
.0400	-1.0749	.4537	1.1271	.0500	.5065	.8456	.4959
.0600	-1.2490	.4105	1.2050	.1000	.3432	.8051	.5659
.0800	-1.3626	.3824	1.2588	.1500	.2552	.7833	.6018
.1000	-1.4120	.3701	1.2830	.2000	.1808	.7649	.6316
.1400	-1.4830	.3525	1.3189	.2500	.1117	.7478	.6588
.1799	-1.5423	.3378	1.3498	.3500	-.0244	.7140	.7116
.2201	-1.5492	.3361	1.3535	.4500	-.1343	.6868	.7537
.2600	-1.5312	.3406	1.3439	.5500	-.1195	.6905	.7481
.3000	-1.5277	.3414	1.3421	.6500	.0032	.7209	.7010
.3400	-1.5323	.3403	1.3445	.7500	.1098	.7473	.6596
.3801	-1.4995	.3484	1.3274	.8000	.1516	.7576	.6432
.4199	-1.1136	.4441	1.1440	.8500	.1823	.7653	.6310
.4600	-.8073	.5200	1.0149	.9000	.2123	.7727	.6191
.5000	-.6630	.5558	.9572	.9500	.2117	.7725	.6193
.5400	-.5552	.5825	.9150				
.5799	-.5169	.5920	.9001				
.6201	-.4997	.5962	.8935				
.6600	-.4876	.5992	.8888				
.7000	-.4458	.6096	.8727				
.7500	-.3500	.6333	.8360				
.8000	-.2331	.6623	.7914				
.8500	-.0943	.6967	.7384				
.9237	.0771	.7392	.6723				
.9749	.1570	.7590	.6410				

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5493	.5839	.9127
.5000	.5427	-.5723	.5782	.9216
.5000	.3454	-.6181	.5669	.9396
.5000	.1480	-.6394	.5616	.9479
.5000	-.1480	-.6514	.5586	.9526
.5000	-.5427	-.5977	.5719	.9316
.5000	-.7401	-.5463	.5847	.9115

PT 2.8639 ATM
 TT 119.4892 K
 RC 10.0333 MILLION
 MACH .7047
 ALPHA 4.5008 DEG

CN .9695
 CM -.0646
 CC -.0264

CD2 .03662
 CD3 .03431
 CD4 .03528
 CD5 .03641
 CD6 .03636

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.9820	.9630	.2328
.0040	-.3597	.6289	.8428
.0150	-.7921	.5212	1.0129
.0250	-.8039	.5183	1.0177
.0400	-1.1233	.4388	1.1534
.0600	-1.2992	.3950	1.2345
.0800	-1.4123	.3668	1.2897
.1000	-1.4612	.3546	1.3145
.1400	-1.5337	.3366	1.3525
.1799	-1.5918	.3221	1.3841
.2201	-1.5996	.3202	1.3884
.2600	-1.5830	.3243	1.3792
.3000	-1.5843	.3240	1.3799
.3400	-1.5891	.3228	1.3826
.3801	-1.5609	.3298	1.3672
.4199	-1.5082	.3429	1.3390
.4600	-.9916	.4716	1.0960
.5000	-.8355	.5104	1.0306
.5400	-.7018	.5437	.9764
.5799	-.5845	.5730	.9300
.6201	-.4897	.5965	.8930
.6600	-.4351	.6102	.8718
.7000	-.3899	.6214	.8544
.7500	-.3035	.6429	.8213
.8000	-.2005	.6686	.7818
.8500	-.0788	.6989	.7351
.9237	.0703	.7360	.6774
.9749	.1433	.7542	.6487

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.9820	.9630	.2328
.0040	1.0353	.9763	.1855
.0080	.8834	.9385	.3028
.0262	.6628	.8835	.4248
.0500	.5445	.8541	.4806
.1000	.3735	.8115	.5552
.1500	.2849	.7895	.5918
.2000	.2065	.7699	.6235
.2500	.1369	.7526	.6512
.3500	-.0042	.7175	.7063
.4500	-.1182	.6891	.7502
.5500	-.1078	.6916	.7463
.6500	.0092	.7208	.7011
.7500	.1102	.7459	.6617
.8000	.1501	.7559	.6460
.8500	.1802	.7634	.6340
.9000	.2080	.7703	.6229
.9500	.2016	.7687	.6255

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5600	.5790	.9204
.5000	.5427	-.7704	.5267	1.0040
.5000	.3454	-.8089	.5171	1.0197
.5000	.1480	-.8226	.5136	1.0253
.5000	-.1480	-.8302	.5118	1.0284
.5000	-.5427	-.8012	.5190	1.0166
.5000	-.7401	-.6189	.5644	.9435

PT 2.7279 ATM
 TT 115.4187 K
 RC 10.0420 MILLION
 MACH .7027
 ALPHA 5.0303 DEG

CN .9948
 CM -.0615
 CC -.0293

CD2 .04351
 CD3 .04086
 CD4 .04182
 CD5 .04286
 CD6 .04383

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.9452	.9543	.2598
.0040	-.4521	.6078	.8757
.0150	-.8906	.4991	1.0496
.0250	-.8583	.5071	1.0363
.0400	-1.1762	.4283	1.1725
.0600	-1.3552	.3839	1.2560
.0800	-1.4646	.3567	1.3103
.1000	-1.5144	.3444	1.3360
.1400	-1.5876	.3262	1.3750
.1799	-1.6462	.3117	1.4075
.2201	-1.6528	.3101	1.4112
.2600	-1.6356	.3143	1.4015
.3000	-1.6354	.3144	1.4014
.3400	-1.6425	.3126	1.4054
.3801	-1.6101	.3207	1.3873
.4199	-1.3277	.3907	1.2428
.4600	-.9767	.4777	1.0856
.5000	-.8730	.5034	1.0424
.5400	-.7507	.5338	.9927
.5799	-.6227	.5655	.9419
.6201	-.5064	.5943	.8966
.6600	-.4276	.6139	.8662
.7000	-.3681	.6286	.8434
.7500	-.2815	.6501	.8103
.8000	-.1840	.6743	.7732
.8500	-.0741	.7015	.7312
.9237	.0570	.7340	.6806
.9749	.1228	.7503	.6549

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.9452	.9543	.2598
.0040	1.0595	.9826	.1586
.0080	.9184	.9476	.2786
.0262	.6933	.8918	.4083
.0500	.5737	.8622	.4659
.1000	.3976	.8185	.5434
.1500	.3069	.7960	.5812
.2000	.2267	.7761	.6137
.2500	.1544	.7582	.6425
.3500	.0109	.7226	.6984
.4500	-.1066	.6935	.7436
.5500	-.1027	.6944	.7421
.6500	.0090	.7221	.6992
.7500	.1064	.7463	.6613
.8000	.1445	.7557	.6464
.8500	.1712	.7624	.6358
.9000	.1971	.7688	.6255
.9500	.1870	.7663	.6295

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5615	.5807	.9180
.5000	.5427	-.8331	.5133	1.0260
.5000	.3454	-.8558	.5077	1.0353
.5000	.1480	-.8607	.5065	1.0373
.5000	-.1480	-.8658	.5052	1.0394
.5000	-.5427	-.8672	.5049	1.0400
.5000	-.7401	-.6713	.5534	.9611

PT 2.7282 ATM
 TT 115.3790 K
 RC 10.0609 MILLION
 MACH .7041
 ALPHA 6.0283 DEG

CN .9010
 CM -.0529
 CC -.0225

CD2 .06119
 CD3 .06381
 CD4 .06802
 CD5 .06709
 CD6 .06322

UPPER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	.8955	.9417	.2946
.0040	-.5541	.5814	.9169
.0150	-1.0776	.4512	1.1315
.0250	-.9233	.4896	1.0655
.0400	-1.2077	.4189	1.1897
.0600	-1.3953	.3722	1.2790
.0800	-1.5037	.3453	1.3341
.1000	-1.5574	.3319	1.3626
.1400	-1.5751	.3275	1.3722
.1799	-1.4948	.3475	1.3295
.2201	-1.4216	.3657	1.2921
.2600	-1.3455	.3846	1.2545
.3000	-1.2479	.4089	1.2083
.3400	-1.1597	.4308	1.1679
.3801	-1.0491	.4583	1.1191
.4199	-.9593	.4806	1.0807
.4600	-.8291	.5130	1.0266
.5000	-.7438	.5342	.9920
.5400	-.6734	.5517	.9639
.5799	-.5914	.5721	.9315
.6201	-.5221	.5893	.9045
.6600	-.4664	.6032	.8829
.7000	-.4122	.6166	.8620
.7500	-.3274	.6377	.8294
.8000	-.2447	.6582	.7978
.8500	-.1608	.6791	.7657
.9237	-.0790	.6994	.7344
.9749	.0013	.7194	.7035

LOWER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	.8955	.9417	.2946
.0040	1.0800	.9875	.1341
.0080	.9566	.9569	.2521
.0262	.7230	.8988	.3939
.0500	.6047	.8694	.4523
.1000	.4294	.8258	.5308
.1500	.3332	.8019	.5714
.2000	.2465	.7804	.6068
.2500	.1708	.7615	.6371
.3500	.0135	.7224	.6987
.4500	-.1160	.6902	.7486
.5500	-.1230	.6885	.7513
.6500	-.0187	.7144	.7112
.7500	.0697	.7364	.6769
.8000	.1020	.7444	.6643
.8500	.1209	.7491	.6568
.9000	.1346	.7525	.6514
.9500	.0914	.7418	.6684

SPANWISE

X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6161	.5659	.9412
.5000	.5427	-.7617	.5297	.9992
.5000	.3454	-.7515	.5323	.9951
.5000	.1480	-.7436	.5342	.9919
.5000	-.1480	-.7469	.5334	.9932
.5000	-.5427	-.7584	.5306	.9978
.5000	-.7401	-.6849	.5488	.9684

PT 2.7283 ATM
 TT 115.3483 K
 RC 10.0683 MILLION
 MACH .7044
 ALPHA 7.0364 DEG

CN .8590
 CM -.0481
 CC -.0175

CD2 .07712
 CD3 .07816
 CD4 .07952
 CD5 .07948
 CD6 .07762

UPPER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	.8430	.9287	.3273
.0040	-.6468	.5585	.9530
.0150	-1.3258	.3898	1.2446
.0250	-1.0660	.4543	1.1260
.0400	-1.2380	.4116	1.2032
.0600	-1.4202	.3663	1.2908
.0800	-1.5415	.3362	1.3535
.1000	-1.5988	.3219	1.3846
.1400	-1.6194	.3168	1.3960
.1799	-1.4331	.3631	1.2973
.2201	-1.2557	.4072	1.2114
.2600	-1.1309	.4382	1.1546
.3000	-1.0414	.4604	1.1154
.3400	-.9523	.4826	1.0774
.3801	-.8742	.5020	1.0448
.4199	-.8128	.5172	1.0196
.4600	-.7340	.5368	.9877
.5000	-.6651	.5539	.9603
.5400	-.6039	.5691	.9362
.5799	-.5439	.5841	.9127
.6201	-.4904	.5973	.8919
.6600	-.4465	.6082	.8750
.7000	-.4051	.6185	.8590
.7500	-.3508	.6320	.8382
.8000	-.3123	.6416	.8234
.8500	-.2833	.6488	.8123
.9237	-.2242	.6635	.7897
.9749	-.1715	.6766	.7696

LOWER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	.8430	.9287	.3273
.0040	1.1016	.9929	.1007
.0080	.9925	.9658	.2237
.0262	.7627	.9087	.3728
.0500	.6357	.8772	.4374
.1000	.4510	.8313	.5214
.1500	.3499	.8062	.5643
.2000	.2607	.7840	.6009
.2500	.1790	.7637	.6337
.3500	.0165	.7233	.6974
.4500	-.1263	.6878	.7523
.5500	-.1508	.6817	.7617
.6500	-.0574	.7049	.7259
.7500	.0230	.7249	.6949
.8000	.0497	.7315	.6845
.8500	.0569	.7333	.6817
.9000	.0635	.7350	.6791
.9500	.0016	.7196	.7031

SPANWISE

X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6194	.5653	.9422
.5000	.5427	-.6924	.5471	.9711
.5000	.3454	-.6810	.5500	.9666
.5000	.1480	-.6722	.5522	.9631
.5000	-.1480	-.6819	.5498	.9669
.5000	-.5427	-.7045	.5441	.9759
.5000	-.7401	-.6909	.5475	.9705

PT 3.1174 ATM
 TT 128.7615 K
 RC 10.0295 MILLION
 MACH .7336
 ALPHA -.9776 DEG

CN .2065
 CM -.0656
 CC .0110

CD2 .00943
 CD3 .00900
 CD4 .00904
 CD5 .00925
 CD6 .00872

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0821	.9845	.1497
.0040	.8996	.9366	.3075
.0150	.4140	.8091	.5589
.0250	.1819	.7482	.6578
.0400	-.0806	.6793	.7649
.0600	-.2677	.6302	.8405
.0800	-.4027	.5948	.8954
.1000	-.4657	.5782	.9213
.1400	-.5192	.5642	.9435
.1799	-.5404	.5586	.9523
.2201	-.5261	.5624	.9463
.2600	-.5087	.5669	.9391
.3000	-.4979	.5698	.9346
.3400	-.5031	.5684	.9368
.3801	-.5091	.5668	.9393
.4199	-.5208	.5638	.9441
.4600	-.5303	.5612	.9481
.5000	-.5512	.5558	.9568
.5400	-.5640	.5524	.9622
.5799	-.5783	.5487	.9682
.6201	-.5815	.5478	.9695
.6600	-.5606	.5533	.9607
.7000	-.4981	.5697	.9347
.7500	-.3823	.6001	.8871
.8000	-.2487	.6352	.8328
.8500	-.0945	.6756	.7705
.9237	.0862	.7231	.6972
.9749	.1612	.7428	.6664

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0821	.9845	.1497
.0040	-.2715	.6292	.8420
.0080	-.4095	.5930	.8982
.0262	-.1827	.6525	.8062
.0500	-.1298	.6664	.7848
.1000	-.1742	.6547	.8027
.1500	-.1948	.6493	.8110
.2000	-.2255	.6412	.8235
.2500	-.2620	.6317	.8382
.3500	-.3729	.6026	.8833
.4500	-.4486	.5827	.9143
.5500	-.3384	.6116	.8692
.6500	-.1298	.6664	.7848
.7500	.0262	.7073	.7217
.8000	.0862	.7231	.6972
.8500	.1333	.7354	.6779
.9000	.1758	.7466	.6604
.9500	.1914	.7507	.6539

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5068	.5674
.5000	.5427	-.5325	.5607
.5000	.3454	-.5371	.5595
.5000	.1480	-.5424	.5581
.5000	-.1480	-.5548	.5548
.5000	-.5427	-.5365	.5596
.5000	-.7401	-.5172	.5647

MLOC	
.9383	
.9490	
.9509	
.9532	
.9583	
.9507	
.9426	

PT 3.1149 ATM
 TT 128.8118 K
 RC 10.0270 MILLION
 MACH .7349
 ALPHA -.0102 DEG

CN .3222
 CM -.0647
 CC .0098

CD2 .00971
 CD3 .00924
 CD4 .00926
 CD5 .00940
 CD6 .00887

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1311	.9968	.0675
.0040	.7625	.8993	.3925
.0150	.2592	.7662	.6292
.0250	.0341	.7066	.7228
.0400	-.2378	.6347	.8335
.0600	-.4213	.5861	.9089
.0800	-.5643	.5483	.9687
.1000	-.6321	.5304	.9976
.1400	-.6817	.5173	1.0190
.1799	-.7084	.5102	1.0306
.2201	-.6487	.5260	1.0048
.2600	-.6094	.5364	.9879
.3000	-.5838	.5432	.9770
.3400	-.5791	.5444	.9750
.3801	-.5777	.5448	.9744
.4199	-.5831	.5433	.9767
.4600	-.5870	.5423	.9784
.5000	-.6040	.5378	.9856
.5400	-.6111	.5360	.9886
.5799	-.6177	.5342	.9915
.6201	-.6122	.5356	.9891
.6600	-.5789	.5445	.9749
.7000	-.5057	.5638	.9440
.7500	-.3709	.5971	.8918
.8000	-.2398	.6342	.8344
.8500	-.0850	.6751	.7714
.9237	.0895	.7213	.7000
.9749	.1600	.7399	.6708

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1311	.9968	.0675
.0040	.0872	.7207	.7010
.0080	-.0672	.6798	.7641
.0262	.0076	.6996	.7336
.0500	.0173	.7022	.7297
.1000	-.0607	.6815	.7615
.1500	-.0998	.6712	.7774
.2000	-.1423	.6600	.7947
.2500	-.1876	.6480	.8131
.3500	-.3081	.6161	.8623
.4500	-.3949	.5931	.8980
.5500	-.3048	.6170	.8609
.6500	-.1089	.6688	.7811
.7500	.0397	.7081	.7205
.8000	.0967	.7232	.6971
.8500	.1413	.7350	.6786
.9000	.1813	.7456	.6620
.9500	.1919	.7484	.6576

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5538	.5511
.5000	.5427	-.5825	.5435
.5000	.3454	-.5888	.5419
.5000	.1480	-.5945	.5403
.5000	-.1480	-.6086	.5366
.5000	-.5427	-.5885	.5419
.5000	-.7401	-.5678	.5474

MLOC	
.9643	
.9764	
.9791	
.9815	
.9876	
.9790	
.9702	

PT 3.1163 ATM
 TT 128.7050 K
 RC 10.0340 MILLION
 MACH .7337
 ALPHA 1.0445 DEG

CN .4680
 CM -.0623
 CC .0044

CD2 .01070
 CD3 .00992
 CD4 .01013
 CD5 .01027
 CD6 .00969

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1357	.9982	.0502
.0040	.5541	.8449	.4970
.0150	.0473	.7113	.7156
.0250	-.1568	.6574	.7985
.0400	-.4415	.5824	.9148
.0600	-.6139	.5369	.9871
.0800	-.7553	.4996	1.0481
.1000	-.8451	.4760	1.0881
.1400	-.9224	.4556	1.1234
.1799	-.9766	.4413	1.1486
.2201	-.9761	.4414	1.1484
.2600	-.9361	.4520	1.1297
.3000	-.7311	.5060	1.0376
.3400	-.6020	.5401	.9820
.3801	-.5969	.5414	.9798
.4199	-.6147	.5367	.9874
.4600	-.6225	.5347	.9907
.5000	-.6423	.5294	.9992
.5400	-.6452	.5287	1.0004
.5799	-.6427	.5293	.9993
.6201	-.6289	.5330	.9934
.6600	-.5878	.5438	.9760
.7000	-.5681	.5648	.9425
.7500	-.3782	.5991	.8887
.8000	-.2381	.6360	.8315
.8500	-.0856	.6762	.7697
.9237	.6900	.7225	.6981
.9749	.1562	.7400	.6708

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1357	.9982	.0502
.0040	.4332	.8130	.5523
.0080	.2516	.7651	.6309
.0262	.2072	.7534	.6496
.0500	.1562	.7400	.6708
.1000	.0604	.7147	.7102
.1500	.0021	.6993	.7340
.2000	-.0492	.6858	.7549
.2500	-.1052	.6710	.7776
.3500	-.2295	.6383	.8280
.4500	-.3255	.6130	.8671
.5500	-.2622	.6297	.8413
.6500	-.0847	.6765	.7693
.7500	.0561	.7136	.7120
.8000	.1096	.7277	.6900
.8500	.1479	.7378	.6742
.9000	.1853	.7476	.6587
.9500	.1925	.7496	.6557

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5986	.5410	.9805
.5000	.5427	-.6255	.5339	.9920
.5000	.3454	-.6273	.5334	.9927
.5000	.1480	-.6313	.5323	.9944
.5000	-.1480	-.6472	.5282	1.0012
.5000	-.5427	-.6318	.5322	.9947
.5000	-.7401	-.6157	.5364	.9878

PT 3.1158 ATM
 TT 128.7580 K
 RC 10.0309 MILLION
 MACH .7343
 ALPHA 2.0264 DEG

CN .6531
 CM -.0662
 CC -.0026

CD2 .01450
 CD3 .01368
 CD4 .01409
 CD5 .01428
 CD6 .01350

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1347	.9977	.0571
.0040	.3324	.7853	.5983
.0150	-.1523	.6570	.7992
.0250	-.3268	.6108	.8705
.0400	-.6154	.5344	.9911
.0600	-.7926	.4875	1.0685
.0800	-.8942	.4606	1.1146
.1000	-.9859	.4363	1.1576
.1400	-1.0809	.4112	1.2035
.1799	-1.1535	.3919	1.2400
.2201	-1.1671	.3883	1.2469
.2600	-1.1604	.3901	1.2435
.3000	-1.1626	.3895	1.2446
.3400	-1.1617	.3898	1.2442
.3801	-1.1440	.3944	1.2352
.4199	-1.1398	.3956	1.2330
.4600	-.9360	.4495	1.1340
.5000	-.6196	.5333	.9929
.5400	-.5298	.5570	.9548
.5799	-.5312	.5567	.9554
.6201	-.5417	.5539	.9598
.6600	-.5315	.5566	.9555
.7000	-.4779	.5708	.9330
.7500	-.3647	.6008	.8861
.8000	-.2322	.6358	.8318
.8500	-.0830	.6753	.7710
.9237	.0911	.7214	.6998
.9749	.1668	.7415	.6684

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1347	.9977	.0571
.0040	.6822	.8779	.4355
.0080	.4965	.8288	.5254
.0262	.3693	.7951	.5822
.0500	.2942	.7752	.6147
.1000	.1702	.7424	.6670
.1500	.0980	.7233	.6969
.2000	.0360	.7069	.7224
.2500	-.0248	.6908	.7473
.3500	-.1575	.6556	.8013
.4500	-.2611	.6282	.8436
.5500	-.2136	.6408	.8242
.6500	-.0526	.6834	.7586
.7500	.0764	.7176	.7058
.8000	.1267	.7309	.6851
.8500	.1652	.7411	.6691
.9000	.2006	.7504	.6543
.9500	.2037	.7513	.6530

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5762	.5448	.9744
.5000	.5427	-.5426	.5537	.9602
.5000	.3454	-.5513	.5514	.9639
.5000	.1480	-.5897	.5412	.9801
.5000	-.1480	-.6123	.5352	.9898
.5000	-.5427	-.5380	.5549	.9583
.5000	-.7401	-.5721	.5459	.9727

PT 3.1163 ATM
 TT 128.7324 K
 RC 10.0422 MILLION
 MACH .7351
 ALPHA 3.0134 DEG

CN .8150
 CM -.0763
 CC -.0083

CD2 .02757
 CD3 .02632
 CD4 .02700
 CD5 .02737
 CD6 .02494

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1159	.9929	.1009
.0040	.1166	.7290	.6979
.0150	-.3497	.6059	.8781
.0250	-.4777	.5721	.9310
.0400	-.7794	.4924	1.0602
.0600	-.9582	.4452	1.1416
.0800	-1.0666	.4166	1.1935
.1000	-1.1285	.4002	1.2241
.1400	-1.2099	.3787	1.2656
.1799	-1.2837	.3593	1.3047
.2201	-1.2998	.3550	1.3135
.2600	-1.2942	.3565	1.3104
.3000	-1.3036	.3540	1.3155
.3400	-1.3096	.3524	1.3188
.3801	-1.2942	.3565	1.3104
.4199	-1.3024	.3543	1.3149
.4600	-1.2943	.3565	1.3105
.5000	-1.3315	.3466	1.3309
.5400	-.9003	.4605	1.1148
.5799	-.6663	.5223	1.0108
.6201	-.5442	.5545	.9588
.6600	-.4564	.5777	.9221
.7000	-.3854	.5965	.8927
.7500	-.2864	.6226	.8522
.8000	-.1824	.6501	.8098
.8500	-.0645	.6812	.7620
.9237	.0887	.7217	.6994
.9749	.1555	.7393	.6718

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1159	.9929	.1009
.0040	.8620	.9259	.3337
.0080	.6741	.8763	.4388
.0262	.4992	.8301	.5231
.0500	.3974	.8032	.5688
.1000	.2617	.7673	.6274
.1500	.1790	.7455	.6621
.2000	.1117	.7278	.6899
.2500	.0437	.7098	.7178
.3500	-.0919	.6740	.7731
.4500	-.2021	.6449	.8179
.5500	-.1736	.6524	.8063
.6500	-.0279	.6909	.7471
.7500	.0936	.7230	.6974
.8000	.1400	.7352	.6783
.8500	.1726	.7438	.6647
.9000	.2046	.7523	.6514
.9500	.2039	.7521	.6517

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6497	.5267	1.0036
.5000	.5427	-.8820	.4653	1.1064
.5000	.3454	-1.2508	.3679	1.2871
.5000	.1480	-1.3312	.3467	1.3307
.5000	-.1480	-1.3396	.3445	1.3354
.5000	-.5427	-1.0540	.4199	1.1873
.5000	-.7401	-.7767	.4932	1.0590

PT 3.1131 ATM
 TT 128.6286 K
 RC 10.0227 MILLION
 MACH .7325
 ALPHA 3.5436 DEG

CN .8652
 CM -.0765
 CC -.0107

CD2 .03494
 CD3 .03403
 CD4 .03391
 CD5 .03363
 CD6 .03142

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0924	.9872	.1360
.0040	.0100	.7031	.7282
.0150	-.4438	.5841	.9121
.0250	-.5501	.5561	.9562
.0400	-.8567	.4757	1.0886
.0600	-1.0318	.4298	1.1694
.0800	-1.1405	.4012	1.2222
.1000	-1.2001	.3856	1.2522
.1400	-1.2772	.3654	1.2923
.1799	-1.3469	.3471	1.3300
.2201	-1.3624	.3430	1.3385
.2600	-1.3549	.3450	1.3344
.3000	-1.3629	.3429	1.3388
.3400	-1.3712	.3407	1.3435
.3801	-1.3560	.3447	1.3350
.4199	-1.3661	.3420	1.3406
.4600	-1.3556	.3448	1.3348
.5000	-1.3680	.3415	1.3417
.5400	-.8533	.4766	1.0870
.5799	-.7020	.5163	1.0206
.6201	-.5882	.5462	.9722
.6600	-.4802	.5745	.9272
.7000	-.3910	.5979	.8905
.7500	-.2779	.6276	.8445
.8000	-.1710	.6556	.8013
.8500	-.0604	.6847	.7567
.9237	.0695	.7188	.7040
.9749	.1356	.7361	.6769

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0924	.9872	.1360
.0040	.9149	.9406	.2972
.0080	.7370	.8939	.4037
.0262	.5477	.8442	.4981
.0500	.4475	.8179	.5440
.1000	.2956	.7781	.6100
.1500	.2094	.7554	.6463
.2000	.1369	.7364	.6763
.2500	.0700	.7189	.7038
.3500	-.0708	.6819	.7609
.4500	-.1838	.6523	.8065
.5500	-.1597	.6586	.7967
.6500	-.0222	.6947	.7412
.7500	.0910	.7244	.6952
.8000	.1347	.7359	.6772
.8500	.1677	.7445	.6636
.9000	.1965	.7521	.6517
.9500	.1879	.7498	.6553

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6839	.5210	1.0128
.5000	.5427	-.8908	.4667	1.1039
.5000	.3454	-1.1580	.3966	1.2309
.5000	.1480	-1.3505	.3461	1.3320
.5000	-.1480	-1.3766	.3393	1.3465
.5000	-.5427	-1.0205	.4327	1.1640
.5000	-.7401	-.8211	.4850	1.0727

PT 3.1116 ATM
 TT 128.6119 K
 RC 10.0182 MILLION
 MACH .7324
 ALPHA 4.0221 DEG

CN .8120
 CM -.0634
 CC -.0076

CD2 .04211
 CD3 .04063
 CD4 .04083
 CD5 .04057
 CD6 .03796

UPPER SURFACE			
X/C	CP	P,L/PT	MLDC
0.0000	1.0854	.9848	.1483
.0040	-.0286	.6902	.7482
.0150	-.4712	.5732	.9293
.0250	-.5641	.5486	.9683
.0400	-.8713	.4674	1.1029
.0600	-1.0453	.4214	1.1847
.0800	-1.1567	.3919	1.2400
.1000	-1.2125	.3772	1.2688
.1400	-1.2890	.3569	1.3095
.1799	-1.3564	.3391	1.3469
.2201	-1.3731	.3347	1.3563
.2600	-1.3646	.3369	1.3515
.3000	-1.3674	.3362	1.3531
.3400	-1.3641	.3371	1.3512
.3801	-1.2651	.3632	1.2966
.4199	-1.1306	.3988	1.2268
.4600	-.9742	.4402	1.1506
.5000	-.8507	.4728	1.0935
.5400	-.7102	.5100	1.0310
.5799	-.6218	.5333	.9928
.6201	-.5359	.5561	.9564
.6600	-.4580	.5766	.9238
.7000	-.3882	.5951	.8949
.7500	-.2898	.6211	.8545
.8000	-.2048	.6436	.8198
.8500	-.1184	.6664	.7847
.9237	-.0379	.6877	.7519
.9749	.0346	.7069	.7223

LOWER SURFACE			
X/C	CP	P,L/PT	MLDC
0.0000	1.0854	.9848	.1483
.0040	.9395	.9462	.2823
.0080	.7651	.9001	.3909
.0262	.5690	.8482	.4910
.0500	.4662	.8210	.5387
.1000	.3116	.7801	.6067
.1500	.2220	.7565	.6447
.2000	.1466	.7365	.6762
.2500	.0767	.7180	.7051
.3500	-.0709	.6790	.7654
.4500	-.1931	.6467	.8151
.5500	-.1772	.6509	.8086
.6500	-.0433	.6863	.7542
.7500	.0659	.7152	.7095
.8000	.1060	.7258	.6930
.8500	.1314	.7325	.6825
.9000	.1518	.7379	.6741
.9500	.1187	.7292	.6877

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLDC
.5000	.7401	-.6911	.5150	1.0227
.5000	.5427	-.8308	.4781	1.0845
.5000	.3454	-.8627	.4696	1.0989
.5000	.1480	-.8524	.4724	1.0943
.5000	-.1480	-.8560	.4714	1.0959
.5000	-.5427	-.8667	.4686	1.1008
.5000	-.7401	-.7859	.4901	1.0642

PT 3.1162 ATM
 TT 128.5833 K
 RC 10.0577 MILLION
 MACH .7349
 ALPHA 4.5212 DEG

CN .7936
 CM -.0580
 CC -.0065

CD2 .05390
 CD3 .05772
 CD4 .05752
 CD5 .05236
 CD6 .04670

UPPER SURFACE			
X/C	CP	P,L/PT	MLDC
0.0000	1.0672	.9802	.1692
.0040	-.0999	.6727	.7751
.0150	-.5350	.5581	.9532
.0250	-.6087	.5386	.9843
.0400	-.9181	.4571	1.1207
.0600	-1.0913	.4115	1.2030
.0800	-1.2046	.3816	1.2600
.1000	-1.2570	.3678	1.2874
.1400	-1.3328	.3478	1.3284
.1799	-1.3993	.3303	1.3657
.2201	-1.4118	.3270	1.3729
.2600	-1.3714	.3377	1.3499
.3000	-1.2652	.3657	1.2917
.3400	-1.1718	.3903	1.2432
.3801	-1.0480	.4229	1.1819
.4199	-.9665	.4444	1.1432
.4600	-.8614	.4721	1.0948
.5000	-.7731	.4953	1.0554
.5400	-.6587	.5255	1.0056
.5799	-.5901	.5436	.9764
.6201	-.5176	.5627	.9459
.6600	-.4562	.5788	.9204
.7000	-.3984	.5941	.8965
.7500	-.3166	.6156	.8630
.8000	-.2408	.6356	.8322
.8500	-.1632	.6560	.8007
.9237	-.0942	.6742	.7728
.9749	-.0167	.6946	.7413

LOWER SURFACE			
X/C	CP	P,L/PT	MLDC
0.0000	1.0672	.9802	.1692
.0040	.9715	.9550	.2574
.0080	.8013	.9102	.3693
.0262	.5953	.8559	.4771
.0500	.4887	.8278	.5270
.1000	.3298	.7859	.5973
.1500	.2383	.7618	.6362
.2000	.1599	.7412	.6689
.2500	.0876	.7221	.6987
.3500	-.0653	.6818	.7610
.4500	-.1932	.6481	.8129
.5500	-.1844	.6505	.8093
.6500	-.0551	.6845	.7569
.7500	.0507	.7124	.7138
.8000	.0882	.7223	.6985
.8500	.1107	.7282	.6893
.9000	.1272	.7326	.6824
.9500	.0832	.7210	.7005

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLDC
.5000	.7401	-.6750	.5212	1.0126
.5000	.5427	-.7827	.4928	1.0596
.5000	.3454	-.7839	.4925	1.0601
.5000	.1480	-.7663	.4971	1.0524
.5000	-.1480	-.7708	.4959	1.0544
.5000	-.5427	-.7998	.4883	1.0672
.5000	-.7401	-.7572	.4995	1.0484

PT 3.1162 ATM
 TT 128.5779 K
 RC 10.0551 MILLION
 MACH .7345
 ALPHA 5.0202 DEG

CN .7828
 CM -.0559
 CC -.0045

CD2 .06311
 CD3 .06529
 CD4 .06670
 CD5 .06085
 CD6 .05382

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0496	.9755	.1886	0.0000	1.0496	.9755	.1886	.5000	.7401	-.6770	.5202	1.0142
.0040	-.1633	.6557	.8013	.0040	.9999	.9624	.2347	.5000	.5427	-.7542	.4998	1.0479
.0150	-.5902	.5431	.9771	.0080	.8367	.9194	.3488	.5000	.3454	-.7400	.5036	1.0416
.0250	-.6435	.5290	.9998	.0262	.6229	.8630	.4639	.5000	.1480	-.7160	.5099	1.0312
.0400	-.9516	.4478	1.1371	.0500	.5131	.8340	.5161	.5000	-.1480	-.7229	.5081	1.0342
.0600	-1.1250	.4021	1.2207	.1000	.3496	.7909	.5891	.5000	-.5427	-.7713	.4953	1.0554
.0800	-1.2366	.3726	1.2778	.1500	.2584	.7669	.6281	.5000	-.7401	-.7462	.5019	1.0444
.1000	-1.2892	.3587	1.3058	.2000	.1763	.7452	.6625					
.1400	-1.3631	.3392	1.3465	.2500	.1030	.7259	.6929					
.1799	-1.4265	.3225	1.3829	.3500	-.0570	.6837	.7582					
.2201	-1.4011	.3292	1.3681	.4500	-.1907	.6484	.8124					
.2600	-1.2610	.3662	1.2907	.5500	-.1875	.6493	.8111					
.3000	-1.1273	.4014	1.2219	.6500	-.0638	.6819	.7609					
.3400	-1.0515	.4214	1.1846	.7500	.0372	.7085	.7198					
.3801	-.9556	.4467	1.1390	.8000	.0722	.7178	.7055					
.4199	-.8947	.4628	1.1108	.8500	.0922	.7230	.6973					
.4600	-.8023	.4871	1.0691	.9000	.1058	.7266	.6917					
.5000	-.7242	.5077	1.0347	.9500	.0521	.7125	.7137					
.5400	-.6243	.5330	.9934									
.5799	-.5718	.5479	.9693									
.6201	-.5078	.5648	.9425									
.6600	-.4559	.5785	.9209									
.7000	-.4041	.5921	.8995									
.7500	-.3344	.6105	.8709									
.8000	-.2669	.6283	.8434									
.8500	-.2096	.6434	.8201									
.9237	-.1434	.6609	.7932									
.9749	-.0742	.6792	.7651									

PT 3.1160 ATM
 TT 128.5902 K
 RC 10.0388 MILLION
 MACH .7328
 ALPHA 6.0486 DEG

CN .7746
 CM -.0513
 CC -.0015

CD2 .07275
 CD3 .07508
 CD4 .07848
 CD5 .07906
 CD6 .07389

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0060	.9641	.2292	0.0000	1.0060	.9641	.2292	.5000	.7401	-.6340	.5320	.9950
.0040	-.2894	.6228	.8519	.0040	1.0468	.9749	.1911	.5000	.5427	-.6897	.5173	1.0190
.0150	-.7217	.5089	1.0328	.0080	.8984	.9358	.3096	.5000	.3454	-.6684	.5229	1.0098
.0250	-.7247	.5081	1.0341	.0262	.6750	.8769	.4375	.5000	.1480	-.6545	.5266	1.0038
.0400	-1.0228	.4295	1.1698	.0500	.5592	.8464	.4943	.5000	-.1480	-.6662	.5235	1.0088
.0600	-1.1990	.3831	1.2571	.1000	.3838	.8002	.5739	.5000	-.5427	-.7053	.5132	1.0257
.0800	-1.3077	.3545	1.3146	.1500	.2879	.7749	.6152	.5000	-.7401	-.7047	.5133	1.0255
.1000	-1.3603	.3406	1.3436	.2000	.2013	.7521	.6517					
.1400	-1.4297	.3223	1.3833	.2500	.1228	.7314	.6842					
.1799	-1.4421	.3190	1.3906	.3500	-.0444	.6873	.7525					
.2201	-1.3166	.3521	1.3195	.4500	-.1907	.6488	.8119					
.2600	-1.1712	.3904	1.2428	.5500	-.2042	.6452	.8173					
.3000	-1.0371	.4258	1.1766	.6500	-.0910	.6751	.7715					
.3400	-.9166	.4575	1.1200	.7500	.0018	.6995	.7338					
.3801	-.8309	.4801	1.0811	.8000	.0324	.7076	.7213					
.4199	-.7815	.4931	1.0591	.8500	.0454	.7110	.7160					
.4600	-.7153	.5106	1.0301	.9000	.0538	.7132	.7126					
.5000	-.6579	.5257	1.0053	.9500	-.0089	.6967	.7381					
.5400	-.6010	.5407	.9810									
.5799	-.5492	.5543	.9591									
.6201	-.4973	.5680	.9375									
.6600	-.4523	.5798	.9188									
.7000	-.4129	.5902	.9025									
.7500	-.3603	.6041	.8809									
.8000	-.3206	.6146	.8647									
.8500	-.2871	.6234	.8510									
.9237	-.2400	.6358	.8319									
.9749	-.1819	.6511	.8083									

PT	3.0562	ATM	CN	.2007		
TT	128.3220	K	CM	-.0676	CD2	.00988
RC	10.0399	MILLION	CC	.0114	CD3	.00946
MACH	.7530				CD4	.00968
ALPHA	-.9557	DEG			CD5	.00957
					CD6	.00909

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0821	.9813	.1644	0.0000	1.0821	.9813	.1644	.5000	.7401	-.5303	.5413	.9800
.0040	.9283	.9393	.3004	.0040	-.3162	.5997	.8877	.5000	.5427	-.5637	.5322	.9947
.0150	.4528	.8096	.5581	.0080	-.4797	.5551	.9579	.5000	.3454	-.5727	.5297	.9987
.0250	.2220	.7466	.6604	.0262	-.2064	.6297	.8413	.5000	.1480	-.5819	.5272	1.0028
.0400	-.0406	.6749	.7717	.0500	-.1468	.6460	.8162	.5000	-.1480	-.5970	.5231	1.0095
.0600	-.2334	.6223	.8526	.1000	-.1966	.6323	.8372	.5000	-.5427	-.5805	.5276	1.0021
.0800	-.3745	.5838	.9125	.1500	-.2167	.6269	.8456	.5000	-.7401	-.5595	.5333	.9929
.1000	-.4547	.5619	.9471	.2000	-.2472	.6185	.8585					
.1400	-.5249	.5428	.9776	.2500	-.2864	.6078	.8751					
.1799	-.5579	.5338	.9921	.3500	-.4094	.5743	.9275					
.2201	-.5471	.5367	.9874	.4500	-.5013	.5492	.9673					
.2600	-.5347	.5401	.9819	.5500	-.3644	.5866	.9082					
.3000	-.5228	.5433	.9767	.6500	-.1386	.6482	.8128					
.3400	-.5269	.5422	.9785	.7500	.0229	.6923	.7450					
.3801	-.5408	.5384	.9846	.8000	.0832	.7087	.7195					
.4199	-.5489	.5362	.9882	.8500	.1328	.7223	.6985					
.4600	-.5669	.5313	.9961	.9000	.1763	.7341	.6800					
.5000	-.5904	.5249	1.0065	.9500	.1925	.7386	.6730					
.5400	-.6086	.5199	1.0147									
.5799	-.6310	.5138	1.0247									
.6201	-.6458	.5098	1.0314									
.6600	-.6047	.5210	1.0129									
.7000	-.5150	.5455	.9733									
.7500	-.3839	.5812	.9166									
.8000	-.2421	.6199	.8563									
.8500	-.0861	.6625	.7907									
.9237	.0905	.7107	.7164									
.9749	.1721	.7330	.6818									

PT	3.0633	ATM	CN	.3486		
TT	128.7505	K	CM	-.0664	CD2	.01074
RC	10.0296	MILLION	CC	.0097	CD3	.01024
MACH	.7550				CD4	.01035
ALPHA	.0536	DEG			CD5	.01032
					CD6	.00966

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1368	.9964	.0720	0.0000	1.1368	.9964	.0720	.5000	.7401	-.5938	.5248	1.0066
.0040	.7648	.8950	.4014	.0040	.1117	.7171	.7065	.5000	.5427	-.6280	.5155	1.0219
.0150	.2657	.7590	.6406	.0080	-.0588	.6706	.7783	.5000	.3454	-.6383	.5127	1.0265
.0250	.0408	.6977	.7365	.0262	.0128	.6901	.7482	.5000	.1480	-.6473	.5103	1.0305
.0400	-.2296	.6241	.8499	.0500	.0086	.6890	.7500	.5000	-.1480	-.6627	.5061	1.0375
.0600	-.4174	.5729	.9296	.1000	-.0593	.6705	.7785	.5000	-.5427	-.6472	.5103	1.0305
.0800	-.5617	.5336	.9924	.1500	-.1010	.6591	.7960	.5000	-.7401	-.6234	.5168	1.0198
.1000	-.6570	.5076	1.0349	.2000	-.1450	.6471	.8144					
.1400	-.7142	.4920	1.0609	.2500	-.1939	.6338	.8349					
.1799	-.7843	.4729	1.0932	.3500	-.3242	.5983	.8899					
.2201	-.7982	.4692	1.0998	.4500	-.4241	.5711	.9326					
.2600	-.7642	.4784	1.0839	.5500	-.3240	.5984	.8898					
.3000	-.6519	.5090	1.0326	.6500	-.1176	.6546	.8029					
.3400	-.5908	.5257	1.0053	.7500	.0346	.6961	.7391					
.3801	-.6040	.5221	1.0111	.8000	.0913	.7115	.7152					
.4199	-.6170	.5185	1.0169	.8500	.1380	.7242	.6954					
.4600	-.6341	.5139	1.0246	.9000	.1784	.7352	.6782					
.5000	-.6574	.5075	1.0351	.9500	.1891	.7382	.6736					
.5400	-.6694	.5042	1.0405									
.5799	-.6830	.5005	1.0466									
.6201	-.6836	.5004	1.0469									
.6600	-.6184	.5181	1.0176									
.7000	-.5133	.5468	.9712									
.7500	-.3793	.5833	.9133									
.8000	-.2346	.6227	.8520									
.8500	-.0803	.6647	.7873									
.9237	.0880	.7166	.7166									
.9749	.1623	.7308	.6851									

PT 3.0638 ATM
 TT 128.7541 K
 RC 10.0242 MILLION
 MACH .7542
 ALPHA 1.0411 DEG

CN .5093
 CM -.0665
 CC .0047

CD2 .01232
 CD3 .01162
 CD4 .01186
 CD5 .01188
 CD6 .01079

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1431	.9983	.0487	0.0000	1.1431	.9983	.0487	.5000	.7401	-.6062	.5235	1.0088
.0040	.5788	.8452	.4965	.0040	.4355	.8063	.5637	.5000	.5427	-.5938	.5269	1.0033
.0150	.0780	.7092	.7187	.0080	.2481	.7554	.6464	.5000	.3454	-.5513	.5384	.9846
.0250	-.1254	.6540	.8038	.0262	.2057	.7439	.6646	.5000	.1480	-.5487	.5391	.9835
.0400	-.4635	.5785	.9208	.0500	.1571	.7307	.6853	.5000	-.1480	-.5661	.5344	.9911
.0600	-.5761	.5317	.9955	.1000	.0634	.7053	.7248	.5000	-.5427	-.5639	.5350	.9901
.0800	-.7155	.4939	1.0578	.1500	.0040	.6892	.7497	.5000	-.7401	-.6064	.5235	1.0089
.1000	-.8210	.4652	1.1066	.2000	-.0492	.6747	.7720					
.1400	-.9014	.4434	1.1448	.2500	-.1061	.6592	.7958					
.1799	-.9621	.4269	1.1745	.3500	-.2375	.6236	.8507					
.2201	-.9808	.4218	1.1838	.4500	-.3421	.5952	.8947					
.2600	-.9827	.4213	1.1848	.5500	-.2718	.6143	.8651					
.3000	-.9782	.4225	1.1825	.6500	-.0861	.6647	.7874					
.3400	-.9617	.4216	1.1842	.7500	.0578	.7038	.7272					
.3801	-.9767	.4229	1.1817	.8000	.1112	.7182	.7047					
.4199	-.9404	.4328	1.1638	.8500	.1527	.7295	.6872					
.4600	-.7160	.4937	1.0581	.9000	.1915	.7400	.6707					
.5000	-.5645	.5348	.9904	.9500	.2000	.7423	.6670					
.5400	-.5594	.5362	.9882									
.5799	-.5436	.5269	1.0032									
.6201	-.6232	.5189	1.0163									
.6600	-.5895	.5280	1.0014									
.7000	-.5054	.5509	.9646									
.7500	-.3742	.5865	.9083									
.8000	-.2326	.6249	.8486									
.8500	-.0801	.6663	.7849									
.9237	.0936	.7135	.7122									
.9749	.1672	.7334	.6810									

PT 3.0644 ATM
 TT 128.6635 K
 RC 10.0267 MILLION
 MACH .7529
 ALPHA 2.0971 DEG

CN .6971
 CM -.0815
 CC .0012

CD2 .02320
 CD3 .02176
 CD4 .02203
 CD5 .02149
 CD6 .01783

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1415	.9978	.0559	0.0000	1.1415	.9978	.0559	.5000	.7401	-.7749	.4769	1.0864
.0040	.3789	.7906	.5897	.0040	.6733	.8706	.4497	.5000	.5427	-1.1295	.3806	1.2620
.0150	-.1031	.6595	.7953	.0080	.4802	.8181	.5437	.5000	.3454	-1.2084	.3591	1.3050
.0250	-.2808	.6112	.8698	.0262	.3665	.7872	.5952	.5000	.1480	-1.1906	.3640	1.2951
.0400	-.5590	.5356	.9891	.0500	.2892	.7662	.6293	.5000	-.1480	-1.1919	.3636	1.2959
.0600	-.7380	.4870	1.0694	.1000	.1686	.7334	.6811	.5000	-.5427	-1.1771	.3676	1.2878
.0800	-.8413	.4589	1.1176	.1500	.0974	.7140	.7113	.5000	-.7401	-1.0791	.3943	1.2355
.1000	-.9432	.4312	1.1667	.2000	.0350	.6971	.7375					
.1400	-1.0288	.4079	1.2096	.2500	-.0266	.6803	.7634					
.1799	-1.1069	.3867	1.2501	.3500	-.1643	.6429	.8209					
.2201	-1.1259	.3815	1.2602	.4500	-.2738	.6131	.8668					
.2600	-1.1321	.3798	1.2635	.5500	-.2239	.6267	.8459					
.3000	-1.1366	.3786	1.2658	.6500	-.0567	.6721	.7759					
.3400	-1.1425	.3770	1.2690	.7500	.0751	.7080	.7207					
.3801	-1.1423	.3771	1.2689	.8000	.1245	.7214	.6998					
.4199	-1.1475	.3757	1.2717	.8500	.1644	.7322	.6829					
.4600	-1.1533	.3741	1.2748	.9000	.1994	.7418	.6680					
.5000	-1.1827	.3661	1.2908	.9500	.2025	.7426	.6667					
.5400	-1.2065	.3596	1.3039									
.5799	-.9110	.4399	1.1510									
.6201	-.5912	.5269	1.0033									
.6600	-.4738	.5588	.9520									
.7000	-.3965	.5798	.9188									
.7500	-.2928	.6080	.8748									
.8000	-.1843	.6375	.8293									
.8500	-.0630	.6704	.7786									
.9237	.0681	.7115	.7152									
.9749	.1603	.7311	.6847									

PT 3.0565 ATM
TT 128.6291 K
RC 10.0266 MILLION
MACH .7557
ALPHA 2.5013 DEG

CN .7161
CM -.0801
CC .0028

CD2 .03320
CD3 .03094
CD4 .03064
CD5 .02910
CD6 .02363

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1425	.9977	.0578
.0040	.3234	.7737	.6171
.0150	-.1489	.6445	.8184
.0250	-.3082	.6010	.8857
.0400	-.5920	.5234	1.0090
.0600	-.7732	.4738	1.0917
.0800	-.8802	.4445	1.1428
.1000	-.9727	.4192	1.1885
.1400	-1.0507	.3979	1.2284
.1799	-1.1317	.3758	1.2715
.2201	-1.1517	.3703	1.2824
.2600	-1.1573	.3688	1.2854
.3000	-1.1640	.3669	1.2891
.3400	-1.1723	.3647	1.2937
.3801	-1.1705	.3652	1.2927
.4199	-1.1775	.3633	1.2965
.4600	-1.1815	.3622	1.2988
.5000	-1.2046	.3558	1.3117
.5400	-1.1242	.3778	1.2674
.5799	-.7801	.4719	1.0950
.6201	-.5850	.5253	1.0059
.6600	-.4870	.5521	.9627
.7000	-.4023	.5752	.9260
.7500	-.2838	.6076	.8754
.8000	-.1799	.6361	.8314
.8500	-.0889	.6609	.7932
.9237	.0247	.6920	.7454
.9749	.0830	.7079	.7207

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1425	.9977	.0578
.0040	.7314	.8853	.4211
.0080	.5405	.8331	.5179
.0262	.4074	.7967	.5797
.0500	.3214	.7731	.6181
.1000	.1991	.7397	.6712
.1500	.1235	.7190	.7036
.2000	.0571	.7009	.7317
.2500	-.0074	.6832	.7589
.3500	-.1496	.6443	.8187
.4500	-.2658	.6126	.8677
.5500	-.2243	.6239	.8502
.6500	-.0616	.6684	.7817
.7500	.0649	.7030	.7284
.8000	.1107	.7155	.7090
.8500	.1470	.7254	.6935
.9000	.1749	.7331	.6816
.9500	.1620	.7295	.6871

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-1.0770	.3907
.5000	.5427	-1.1977	.3577
.5000	.3454	-1.2410	.3459
.5000	.1480	-1.2211	.3513
.5000	-.1480	-1.2156	.3528
.5000	-.5427	-1.2369	.3470
.5000	-.7401	-1.1745	.3641

PT 3.0564 ATM
TT 128.5385 K
RC 10.0241 MILLION
MACH .7541
ALPHA 3.0345 DEG

CN .7191
CM -.0725
CC .0033

CD2 .04076
CD3 .03894
CD4 .03722
CD5 .03482
CD6 .03010

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1415	.9975	.0599
.0040	.2497	.7539	.6488
.0150	-.2191	.6259	.8471
.0250	-.3604	.5873	.9071
.0400	-.6496	.5083	1.0338
.0600	-.8300	.4590	1.1173
.0800	-.9411	.4287	1.1713
.1000	-1.0186	.4075	1.2103
.1400	-1.0957	.3865	1.2505
.1799	-1.1763	.3644	1.2942
.2201	-1.1965	.3589	1.3054
.2600	-1.2004	.3579	1.3076
.3000	-1.2083	.3557	1.3120
.3400	-1.2188	.3528	1.3180
.3801	-1.2143	.3541	1.3154
.4199	-1.2178	.3531	1.3173
.4600	-1.1458	.3728	1.2774
.5000	-.9850	.4167	1.1933
.5400	-.7815	.4723	1.0944
.5799	-.6221	.5158	1.0214
.6201	-.5311	.5407	.9810
.6600	-.4571	.5609	.9487
.7000	-.3843	.5808	.9173
.7500	-.2868	.6074	.8758
.8000	-.2074	.6291	.8422
.8500	-.1425	.6468	.8149
.9237	-.0545	.6708	.7779
.9749	-.0050	.6844	.7571

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1415	.9975	.0599
.0040	.7941	.9026	.3856
.0080	.6041	.8507	.4865
.0262	.4502	.8087	.5596
.0500	.3569	.7832	.6018
.1000	.2299	.7485	.6573
.1500	.1494	.7265	.6918
.2000	.0803	.7076	.7212
.2500	.0124	.6891	.7498
.3500	-.1324	.6495	.8107
.4500	-.2561	.6158	.8628
.5500	-.2268	.6238	.8504
.6500	-.0701	.6666	.7845
.7500	.0525	.7001	.7329
.8000	.0945	.7115	.7152
.8500	.1234	.7194	.7029
.9000	.1455	.7255	.6935
.9500	.1161	.7174	.7060

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-1.0640	.3951
.5000	.5427	-1.1946	.3595
.5000	.3454	-1.1841	.3623
.5000	.1480	-1.0506	.3988
.5000	-.1480	-.9855	.4165
.5000	-.5427	-1.1608	.3687
.5000	-.7401	-1.1458	.3728

PT 3.0562 ATM
 TT 128.5689 K
 RC 10.0116 MILLION
 MACH .7521
 ALPHA 3.5101 DEG

CN .7073
 CM -.0638
 CC .0040

CD2 .04876
 CD3 .04742
 CD4 .04568
 CD5 .04206
 CD6 .03729

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1363	.9960	.0755	0.0000	1.1363	.9960	.0755	.5000	.7401	-.9126	.4360	1.1580
.0040	.1931	.7382	.6735	.0040	.8343	.9135	.3621	.5000	.5427	-.9332	.4304	1.1682
.0150	-.2647	.6131	.8669	.0080	.6488	.8628	.4643	.5000	.3454	-.8750	.4463	1.1397
.0250	-.3955	.5774	.9227	.0262	.4840	.8177	.5443	.5000	.1480	-.7926	.4688	1.1004
.0400	-.6946	.4956	1.0549	.0500	.3912	.7924	.5867	.5000	-.1480	-.7810	.4720	1.0949
.0600	-.8727	.4469	1.1386	.1000	.2516	.7542	.6483	.5000	-.5427	-.9137	.4357	1.1586
.0800	-.9821	.4170	1.1926	.1500	.1693	.7317	.6837	.5000	-.7401	-.9860	.4160	1.1946
.1000	-1.0557	.3969	1.2304	.2000	.0948	.7114	.7154					
.1400	-1.1292	.3768	1.2694	.2500	.0270	.6928	.7441					
.1799	-1.2081	.3553	1.3129	.3500	-.1269	.6508	.8088					
.2201	-1.2281	.3498	1.3242	.4500	-.2568	.6152	.8636					
.2600	-1.2326	.3486	1.3268	.5500	-.2316	.6221	.8529					
.3000	-1.2386	.3469	1.3303	.6500	-.0815	.6632	.7897					
.3400	-1.2502	.3437	1.3370	.7500	.0323	.6943	.7418					
.3801	-1.2285	.3497	1.3245	.8000	.0709	.7048	.7255					
.4199	-1.1099	.3821	1.2590	.8500	.1003	.7128	.7131					
.4600	-.9117	.4363	1.1576	.9000	.1170	.7174	.7060					
.5000	-.7624	.4771	1.0862	.9500	.0760	.7062	.7234					
.5400	-.6458	.5089	1.0327									
.5799	-.5672	.5304	.9975									
.6201	-.4996	.5489	.9678									
.6600	-.4384	.5656	.9412									
.7000	-.3788	.5819	.9155									
.7500	-.3007	.6033	.8822									
.8000	-.2329	.6218	.8535									
.8500	-.1739	.6379	.8286									
.9237	-.1195	.6528	.8057									
.9749	-.0549	.6704	.7785									

PT 3.0564 ATM
 TT 128.4863 K
 RC 10.0311 MILLION
 MACH .7542
 ALPHA 3.9983 DEG

CN .7173
 CM -.0601
 CC .0034

CD2 .05645
 CD3 .05599
 CD4 .05580
 CD5 .05101
 CD6 .04531

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1187	.9914	.1114	0.0000	1.1187	.9914	.1114	.5000	.7401	-.7528	.4809	1.0797
.0040	.1132	.7171	.7065	.0040	.8833	.9272	.3307	.5000	.5427	-.7937	.4697	1.0988
.0150	-.3385	.5939	.8968	.0080	.7009	.8774	.4365	.5000	.3454	-.7560	.4800	1.0812
.0250	-.4562	.5618	.9473	.0262	.5204	.8282	.5264	.5000	.1480	-.7248	.4885	1.0668
.0400	-.7514	.4613	1.0791	.0500	.4185	.8004	.5735	.5000	-.1480	-.7127	.4918	1.0612
.0600	-.9252	.4339	1.1619	.1000	.2771	.7618	.6362	.5000	-.5427	-.7879	.4713	1.0960
.0800	-1.0355	.4038	1.2173	.1500	.1911	.7384	.6733	.5000	-.7401	-.8031	.4672	1.1032
.1000	-1.1060	.3845	1.2542	.2000	.1151	.7176	.7057					
.1400	-1.1740	.3660	1.2910	.2500	.0439	.6982	.7358					
.1799	-1.2529	.3445	1.3353	.3500	-.1104	.6561	.8006					
.2201	-1.2726	.3391	1.3467	.4500	-.2457	.6192	.8575					
.2600	-1.2723	.3392	1.3466	.5500	-.2326	.6228	.8519					
.3000	-1.2716	.3394	1.3462	.6500	-.0875	.6624	.7910					
.3400	-1.2592	.3428	1.3390	.7500	.0274	.6937	.7427					
.3801	-1.1111	.3832	1.2570	.8000	.0647	.7039	.7270					
.4199	-.9536	.4261	1.1759	.8500	.0866	.7099	.7178					
.4600	-.8197	.4626	1.1110	.9000	.1039	.7146	.7104					
.5000	-.7277	.4878	1.0681	.9500	.0565	.7016	.7305					
.5400	-.6309	.5141	1.0241									
.5799	-.5594	.5336	.9923									
.6201	-.4915	.5522	.9626									
.6600	-.4338	.5679	.9376									
.7000	-.3784	.5830	.9138									
.7500	-.3065	.6026	.8832									
.8000	-.2502	.6180	.8593									
.8500	-.2032	.6308	.8395									
.9237	-.1438	.6470	.8146									
.9749	-.0902	.6616	.7921									

PT 3.0564 ATM
 TT 128.5881 K
 RC 10.0334 MILLION
 MACH .7560
 ALPHA 4.5331 DEG

CN .7184
 CM -.0560
 CC .0044

CD2 .05961
 CD3 .06028
 CD4 .06426
 CD5 .06400
 CD6 .05859

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1082	.9885	.1286
.0040	.0528	.7007	.7320
.0150	-.3941	.5788	.9204
.0250	-.4961	.5510	.9645
.0400	-.7906	.4707	1.0972
.0600	-.9650	.4231	1.1815
.0800	-1.0767	.3926	1.2386
.1000	-1.1435	.3744	1.2742
.1400	-1.2107	.3561	1.3112
.1799	-1.2851	.3358	1.3539
.2201	-1.3051	.3304	1.3656
.2600	-1.3031	.3309	1.3644
.3000	-1.2824	.3365	1.3523
.3400	-1.2031	.3582	1.3070
.3801	-1.0109	.4106	1.2046
.4199	-.8670	.4498	1.1335
.4600	-.7442	.4833	1.0756
.5000	-.6658	.5047	1.0397
.5400	-.5959	.5238	1.0084
.5799	-.5430	.5382	.9850
.6201	-.4835	.5544	.9590
.6600	-.4303	.5689	.9360
.7000	-.3815	.5822	.9150
.7500	-.3220	.5985	.8896
.8000	-.2739	.6116	.8693
.8500	-.2367	.6217	.8535
.9237	-.1854	.6357	.8320
.9749	-.1377	.6487	.8119

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1082	.9885	.1286
.0040	.9246	.9384	.3028
.0080	.7446	.8893	.4130
.0262	.5553	.8377	.5097
.0500	.4474	.8083	.5603
.1000	.2990	.7678	.6266
.1500	.2115	.7439	.6645
.2000	.1319	.7222	.6985
.2500	.0585	.7022	.7296
.3500	-.1021	.6584	.7970
.4500	-.2441	.6197	.8567
.5500	-.2395	.6210	.8548
.6500	-.0995	.6591	.7959
.7500	.0103	.6891	.7499
.8000	.0454	.6987	.7351
.8500	.0656	.7042	.7266
.9000	.0803	.7082	.7204
.9500	.0282	.6940	.7423

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6680	.5041	1.0407
.5000	.5427	-.7087	.4930	1.0592
.5000	.3454	-.6743	.5024	1.0436
.5000	.1480	-.6589	.5066	1.0366
.5000	-.1480	-.6659	.5047	1.0398
.5000	-.5427	-.7195	.4901	1.0642
.5000	-.7401	-.7299	.4872	1.0690

PT 3.0565 ATM
 TT 128.5634 K
 RC 10.0281 MILLION
 MACH .7549
 ALPHA 5.0224 DEG

CN .7192
 CM -.0529
 CC .0052

CD2 .06212
 CD3 .06430
 CD4 .06992
 CD5 .07306
 CD6 .07007

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0927	.9842	.1509
.0040	-.0085	.6837	.7581
.0150	-.4494	.5634	.9447
.0250	-.5344	.5402	.9817
.0400	-.8280	.4601	1.1155
.0600	-.9998	.4132	1.1997
.0800	-1.1143	.3820	1.2593
.1000	-1.1776	.3647	1.2937
.1400	-1.2460	.3460	1.3321
.1799	-1.3180	.3264	1.3743
.2201	-1.3352	.3217	1.3847
.2600	-1.3259	.3242	1.3791
.3000	-1.2685	.3399	1.3451
.3400	-1.0978	.3865	1.2505
.3801	-.9064	.4387	1.1532
.4199	-.7901	.4704	1.0976
.4600	-.6987	.4954	1.0552
.5000	-.6390	.5117	1.0282
.5400	-.5829	.5270	1.0031
.5799	-.5313	.5410	.9804
.6201	-.4766	.5560	.9565
.6600	-.4306	.5685	.9366
.7000	-.3880	.5802	.9183
.7500	-.3347	.5947	.8955
.8000	-.2955	.6054	.8789
.8500	-.2692	.6126	.8677
.9237	-.2188	.6263	.8464
.9749	-.1773	.6377	.8290

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0927	.9842	.1509
.0040	.9575	.9473	.2792
.0080	.7813	.8993	.3927
.0262	.5865	.8461	.4949
.0500	.4747	.8156	.5480
.1000	.3203	.7734	.6175
.1500	.2275	.7481	.6580
.2000	.1459	.7259	.6929
.2500	.0698	.7051	.7251
.3500	-.0941	.6604	.7941
.4500	-.2426	.6199	.8565
.5500	-.2459	.6189	.8579
.6500	-.1104	.6559	.8009
.7500	-.0035	.6851	.7560
.8000	.0301	.6942	.7419
.8500	.0470	.6989	.7348
.9000	.0597	.7023	.7294
.9500	.0050	.6874	.7524

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6445	.5102	1.0307
.5000	.5427	-.6762	.5015	1.0450
.5000	.3454	-.6407	.5112	1.0289
.5000	.1480	-.6325	.5134	1.0253
.5000	-.1480	-.6380	.5119	1.0278
.5000	-.5427	-.6772	.5013	1.0455
.5000	-.7401	-.6799	.5005	1.0467

PT 3.0707 ATM
 TT 129.6419 K
 RC 10.0538 MILLION
 MACH .7682
 ALPHA -1.0081 DEG

CN .1960
 CM -.0685
 CC .0118

CD2 .00994
 CD3 .00949
 CD4 .00964
 CD5 .00957
 CD6 .00920

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0845	.9803	.1688	0.0000	1.0845	.9803	.1688	.5000	.7401	-.5390	.5289	1.0000
.0040	.9470	.9421	.2933	.0040	-.3174	.5905	.9020	.5000	.5427	-.5725	.5196	1.0152
.0150	.4786	.8118	.5543	.0080	-.4925	.5418	.9791	.5000	.3454	-.5806	.5173	1.0189
.0250	.2496	.7482	.6578	.0262	-.2090	.6206	.8552	.5000	.1480	-.5893	.5149	1.0228
.0400	-.0164	.6742	.7727	.0500	-.1445	.6386	.8275	.5000	-.1480	-.6040	.5108	1.0296
.0600	-.2072	.6212	.8544	.1000	-.1964	.6242	.8498	.5000	-.5427	-.5877	.5154	1.0221
.0800	-.3502	.5814	.9163	.1500	-.2167	.6185	.8585	.5000	-.7401	-.5644	.5218	1.0115
.1000	-.4299	.5592	.9513	.2000	-.2476	.6099	.8718					
.1400	-.5086	.5373	.9863	.2500	-.2875	.5988	.8890					
.1799	-.5525	.5251	1.0061	.3500	-.4165	.5630	.9454					
.2201	-.5445	.5274	1.0025	.4500	-.5188	.5345	.9909					
.2600	-.5309	.5311	.9963	.5500	-.3656	.5771	.9230					
.3000	-.5190	.5344	.9910	.6500	-.1337	.6416	.8229					
.3400	-.5244	.5329	.9934	.7500	.0297	.6870	.7530					
.3801	-.5383	.5291	.9997	.8000	.0904	.7039	.7269					
.4199	-.5488	.5262	1.0044	.8500	.1403	.7178	.7054					
.4600	-.5686	.5207	1.0134	.9000	.1838	.7299	.6866					
.5000	-.5986	.5123	1.0271	.9500	.1996	.7343	.6797					
.5400	-.6204	.5063	1.0371									
.5799	-.6471	.4988	1.0494									
.6201	-.6711	.4922	1.0606									
.6600	-.6341	.5025	1.0434									
.7000	-.5023	.5391	.9835									
.7500	-.3649	.5773	.9227									
.8000	-.2245	.6163	.8618									
.8500	-.0715	.6589	.7963									
.9237	.0998	.7065	.7229									
.9749	.1708	.7263	.6922									

PT 3.0704 ATM
 TT 129.7010 K
 RC 10.0455 MILLION
 MACH .7681
 ALPHA .0102 DEG

CN .3382
 CM -.0676
 CC .0105

CD2 .01072
 CD3 .01010
 CD4 .01027
 CD5 .01035
 CD6 .00967

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1388	.9951	.0835	0.0000	1.1388	.9951	.0835	.5000	.7401	-.6060	.5081	1.0341
.0040	.8035	.9015	.3879	.0040	.0692	.6966	.7383	.5000	.5427	-.6397	.4986	1.0497
.0150	.3113	.7641	.6325	.0080	-.0983	.6498	.8102	.5000	.3454	-.6407	.4984	1.0502
.0250	.0905	.7025	.7291	.0262	-.0090	.6747	.7719	.5000	.1480	-.6366	.4995	1.0483
.0400	-.1853	.6255	.8477	.0500	-.0059	.6756	.7706	.5000	-.1480	-.6418	.4981	1.0507
.0600	-.3670	.5748	.9266	.1000	-.0693	.6579	.7978	.5000	-.5427	-.6533	.4949	1.0561
.0800	-.5140	.5337	.9921	.1500	-.1102	.6465	.8154	.5000	-.7401	-.6388	.4989	1.0493
.1000	-.6039	.5086	1.0331	.2000	-.1540	.6342	.8342					
.1400	-.6729	.4894	1.0653	.2500	-.2034	.6205	.8555					
.1799	-.7487	.4682	1.1013	.3500	-.3367	.5832	.9134					
.2201	-.7732	.4614	1.1132	.4500	-.4456	.5528	.9614					
.2600	-.7711	.4620	1.1121	.5500	-.3330	.5843	.9118					
.3000	-.7574	.4658	1.1055	.6500	-.1172	.6445	.8184					
.3400	-.7137	.4780	1.0846	.7500	.0388	.6881	.7514					
.3801	-.6187	.5045	1.0400	.8000	.0962	.7041	.7266					
.4199	-.5691	.5184	1.0171	.8500	.1423	.7170	.7067					
.4600	-.5834	.5144	1.0237	.9000	.1831	.7283	.6890					
.5000	-.6361	.4997	1.0420	.9500	.1940	.7314	.6842					
.5400	-.6768	.4883	1.0671									
.5799	-.7111	.4787	1.0833									
.6201	-.7287	.4738	1.0917									
.6600	-.6681	.4907	1.0630									
.7000	-.5003	.5376	.9859									
.7500	-.3505	.5794	.9194									
.8000	-.2131	.6177	.8597									
.8500	-.0666	.6587	.7966									
.9237	.0658	.7040	.7268									
.9749	.1608	.7221	.6987									

PT 3.0701 ATM
 TT 129.8123 K
 RC 10.0261 MILLION
 MACH .7673
 ALPHA 1.0165 DEG

CN .5209
 CM -.0746
 CC .0067

CD2 .01448
 CD3 .01349
 CD4 .01353
 CD5 .01259
 CD6 .01115

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1517	.9988	.0421	0.0000	1.1517	.9988	.0421	.5000	.7401	-.6575	.4940	1.0575
.0040	.6330	.8540	.4804	.0040	.3950	.7876	.5944	.5000	.5427	-.7932	.4561	1.1223
.0150	.1387	.7161	.7080	.0080	.2116	.7365	.6762	.5000	.3454	-.9824	.4034	1.2181
.0250	-.0647	.6594	.7955	.0262	.1878	.7299	.6866	.5000	.1480	-1.0006	.3983	1.2277
.0400	-.3401	.5825	.9145	.0500	.1460	.7182	.7048	.5000	-.1480	-1.0052	.3970	1.2302
.0600	-.5110	.5349	.9903	.1000	.0560	.6931	.7437	.5000	-.5427	-.9131	.4227	1.1822
.0800	-.6520	.4956	1.0549	.1500	-.0014	.6771	.7683	.5000	-.7401	-.7329	.4730	1.0932
.1000	-.7526	.4675	1.1026	.2000	-.0546	.6622	.7911					
.1400	-.8390	.4434	1.1449	.2500	-.1119	.6462	.8157					
.1799	-.9073	.4243	1.1792	.3500	-.2469	.6086	.8739					
.2201	-.9314	.4176	1.1916	.4500	-.3580	.5776	.9223					
.2600	-.9351	.4166	1.1935	.5500	-.2805	.5992	.8884					
.3000	-.9399	.4152	1.1959	.6500	-.0849	.6538	.8041					
.3400	-.9526	.4117	1.2025	.7500	.0630	.6950	.7406					
.3801	-.9522	.4118	1.2023	.8000	.1175	.7102	.7171					
.4199	-.9605	.4095	1.2066	.8500	.1592	.7219	.6990					
.4600	-.9670	.4077	1.2100	.9000	.1985	.7328	.6820					
.5000	-.9991	.3987	1.2269	.9500	.2072	.7353	.6781					
.5400	-1.0059	.3968	1.2305									
.5799	-.8251	.4473	1.1380									
.6201	-.5350	.5282	1.0011									
.6600	-.4584	.5495	.9667									
.7000	-.4107	.5629	.9455									
.7500	-.3135	.5900	.9028									
.8000	-.1948	.6231	.8514									
.8500	-.0604	.6606	.7936									
.9237	.1024	.7060	.7237									
.9749	.1710	.7252	.6939									

PT 3.0698 ATM
 TT 129.7134 K
 RC 10.0336 MILLION
 MACH .7670
 ALPHA 1.4867 DEG

CN .5955
 CM -.0824
 CC .0075

CD2 .02082
 CD3 .01938
 CD4 .01910
 CD5 .01739
 CD6 .01452

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1494	.9980	.0540	0.0000	1.1494	.9980	.0540	.5000	.7401	-.9429	.4130	1.2000
.0040	.5581	.8327	.5185	.0040	.5006	.8166	.5462	.5000	.5427	-1.0280	.3892	1.2451
.0150	.0673	.6954	.7400	.0080	.3157	.7649	.6312	.5000	.3454	-1.0893	.3721	1.2788
.0250	-.1285	.6407	.8242	.0262	.2539	.7476	.6587	.5000	.1480	-1.0753	.3760	1.2710
.0400	-.4040	.5637	.9442	.0500	.2013	.7329	.6818	.5000	-.1480	-1.0772	.3755	1.2720
.0600	-.5694	.5174	1.0187	.1000	.0993	.7044	.7262	.5000	-.5427	-1.0524	.3824	1.2583
.0800	-.7095	.4783	1.0841	.1500	.0356	.6866	.7537	.5000	-.7401	-1.0119	.3937	1.2364
.1000	-.8016	.4525	1.1286	.2000	-.0235	.6701	.7791					
.1400	-.8959	.4262	1.1758	.2500	-.0817	.6538	.8041					
.1799	-.9695	.4056	1.2139	.3500	-.2225	.6144	.8648					
.2201	-.9921	.3993	1.2258	.4500	-.3375	.5823	.9149					
.2600	-.9984	.3975	1.2292	.5500	-.2686	.6015	.8848					
.3000	-1.0046	.3958	1.2325	.6500	-.0809	.6540	.8038					
.3400	-1.0162	.3925	1.2367	.7500	.0603	.6935	.7430					
.3801	-1.0168	.3924	1.2391	.8000	.1122	.7080	.7206					
.4199	-1.0278	.3893	1.2450	.8500	.1542	.7197	.7024					
.4600	-1.0355	.3871	1.2492	.9000	.1897	.7297	.6869					
.5000	-1.0711	.3772	1.2686	.9500	.1904	.7299	.6866					
.5400	-1.0997	.3692	1.2846									
.5799	-1.1183	.3640	1.2950									
.6201	-.7387	.4701	1.0981									
.6600	-.5048	.5355	.9893									
.7000	-.4018	.5643	.9432									
.7500	-.2849	.5970	.8919									
.8000	-.1718	.6286	.8429									
.8500	-.0582	.6604	.7940									
.9237	.0750	.6976	.7367									
.9749	.1449	.7172	.7064									

PT 3.0700 ATM
 TT 129.7574 K
 RC 10.0432 MILLION
 MACH .7689
 ALPHA 2.0264 DEG

CN .6132
 CM -.0757
 CC .0093

CD2 .03297
 CD3 .03042
 CD4 .02837
 CD5 .02625
 CD6 .02110

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1493	.9978	.0562	0.0000	1.1493	.9978	.0562	.5000	.7401	-1.0429	.3837	1.2559
.0040	.4819	.8108	.5560	.0040	.6007	.8441	.4984	.5000	.5427	-1.0996	.3678	1.2874
.0150	-.0049	.6745	.7723	.0080	.4131	.7915	.5881	.5000	.3454	-1.1423	.3558	1.3118
.0250	-.1871	.6234	.8509	.0262	.3196	.7654	.6305	.5000	.1480	-1.1262	.3603	1.3025
.0400	-.4633	.5460	.9723	.0500	.2506	.7460	.6612	.5000	-.1480	-1.1253	.3606	1.3020
.0600	-.6336	.4983	1.0503	.1000	.1419	.7156	.7089	.5000	-.5427	-1.1216	.3616	1.2999
.0800	-.7491	.4660	1.1052	.1500	.0721	.6960	.7391	.5000	-.7401	-1.0781	.3738	1.2754
.1000	-.8481	.4382	1.1540	.2000	.0085	.6782	.7666					
.1400	-.9407	.4123	1.2014	.2500	-.0544	.6606	.7937					
.1799	-1.0197	.3901	1.2433	.3500	-.2006	.6196	.8568					
.2201	-1.0415	.3840	1.2552	.4500	-.3252	.5847	.9111					
.2600	-1.0479	.3822	1.2587	.5500	-.2717	.5997	.8877					
.3000	-1.0569	.3797	1.2636	.6500	-.0917	.6501	.8097					
.3400	-1.0683	.3766	1.2699	.7500	.0424	.6877	.7520					
.3801	-1.0676	.3767	1.2696	.8000	.0892	.7008	.7317					
.4199	-1.0771	.3741	1.2748	.8500	.1238	.7105	.7167					
.4600	-1.0843	.3721	1.2788	.9000	.1492	.7176	.7057					
.5000	-1.1153	.3634	1.2963	.9500	.1272	.7115	.7152					
.5400	-1.0358	.3856	1.2521									
.5799	-.7397	.4686	1.1007									
.6201	-.5382	.5250	1.0063									
.6600	-.4433	.5516	.9634									
.7000	-.3742	.5710	.9326									
.7500	-.2755	.5986	.8893									
.8000	-.1913	.6222	.8527									
.8500	-.1210	.6419	.8224									
.9237	-.0320	.6669	.7840									
.9749	.6207	.6816	.7613									

PT 3.0697 ATM
 TT 129.5629 K
 RC 10.0455 MILLION
 MACH .7663
 ALPHA 2.5050 DEG

CN .6325
 CM -.0704
 CC .0093

CD2 .04264
 CD3 .03984
 CD4 .03599
 CD5 .03238
 CD6 .02647

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1495	.9982	.0513	0.0000	1.1495	.9982	.0513	.5000	.7401	-1.0905	.3732	1.2766
.0040	.4061	.7907	.5894	.0040	.6759	.8660	.4583	.5000	.5427	-1.1599	.3538	1.3159
.0150	-.0692	.6581	.7975	.0080	.4889	.8138	.5509	.5000	.3454	-1.1843	.3470	1.3301
.0250	-.2431	.6096	.8723	.0262	.3727	.7814	.6046	.5000	.1480	-1.1139	.3666	1.2897
.0400	-.5193	.5325	.9941	.0500	.2968	.7602	.6387	.5000	-.1480	-1.0660	.3800	1.2631
.0600	-.7016	.4817	1.0783	.1000	.1757	.7265	.6919	.5000	-.5427	-1.1846	.3469	1.3303
.0800	-.8059	.4526	1.1286	.1500	.1020	.7059	.7239	.5000	-.7401	-1.1325	.3614	1.3002
.1000	-.9019	.4258	1.1765	.2000	.0337	.6868	.7533					
.1400	-.9887	.4016	1.2215	.2500	-.0301	.6690	.7807					
.1799	-1.0687	.3793	1.2646	.3500	-.1816	.6268	.8457					
.2201	-1.0911	.3730	1.2769	.4500	-.3103	.5908	.9015					
.2600	-1.0980	.3711	1.2808	.5500	-.2658	.6033	.8821					
.3000	-1.1068	.3686	1.2857	.6500	-.0948	.6510	.8084					
.3400	-1.1172	.3657	1.2915	.7500	.0310	.6861	.7544					
.3801	-1.1171	.3658	1.2915	.8000	.0745	.6982	.7357					
.4199	-1.1257	.3633	1.2964	.8500	.1078	.7075	.7214					
.4600	-1.1242	.3638	1.2955	.9000	.1284	.7132	.7125					
.5000	-1.0321	.3895	1.2447	.9500	.0944	.7038	.7271					
.5400	-.7687	.4630	1.1104									
.5799	-.5848	.5143	1.0239									
.6201	-.4904	.5406	.9810									
.6600	-.4254	.5587	.9520									
.7000	-.3653	.5755	.9255									
.7500	-.2834	.5984	.8897									
.8000	-.2117	.6184	.8587									
.8500	-.1569	.6336	.8351									
.9237	-.0867	.6532	.8050									
.9749	-.0407	.6661	.7852									

PT 3.0703 ATM
 TT 129.5755 K
 RC 10.0643 MILLION
 MACH .7688
 ALPHA 3.0135 DEG

CN .6339
 CM -.0635
 CC .0099

CD2 .04976
 CD3 .04821
 CD4 .04641
 CD5 .04232
 CD6 .03565

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1478	.9975	.0601
.0040	.3425	.7722	.6195
.0150	-.1256	.6413	.8233
.0250	-.2871	.5962	.8932
.0400	-.5626	.5191	1.0160
.0600	-.7458	.4679	1.1020
.0800	-.8533	.4378	1.1548
.1000	-.9396	.4137	1.1988
.1400	-1.0213	.3908	1.2421
.1799	-1.1021	.3682	1.2866
.2201	-1.1249	.3618	1.2995
.2600	-1.1321	.3598	1.3036
.3000	-1.1411	.3573	1.3087
.3400	-1.1530	.3540	1.3156
.3801	-1.1515	.3544	1.3147
.4199	-1.1552	.3533	1.3169
.4600	-1.0557	.3812	1.2608
.5000	-.8112	.4495	1.1339
.5400	-.6164	.5040	1.0408
.5799	-.5322	.5276	1.0021
.6201	-.4673	.5458	.9728
.6600	-.4117	.5613	.9480
.7000	-.3604	.5756	.9253
.7500	-.2923	.5947	.8955
.8000	-.2341	.6110	.8701
.8500	-.1874	.6240	.8500
.9237	-.1390	.6376	.8291
.9749	-.0916	.6508	.8087

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1478	.9975	.0601
.0040	.7304	.8807	.4300
.0080	.5446	.8288	.5253
.0262	.4096	.7910	.5889
.0500	.3280	.7682	.6260
.1000	.2001	.7324	.6826
.1500	.1217	.7105	.7167
.2000	.0497	.6904	.7478
.2500	-.0166	.6718	.7764
.3500	-.1732	.6280	.8438
.4500	-.3104	.5896	.9034
.5500	-.2755	.5994	.8882
.6500	-.1090	.6460	.8161
.7500	.0129	.6801	.7637
.8000	.0536	.6915	.7462
.8500	.0834	.6998	.7333
.9000	.1006	.7046	.7259
.9500	.0584	.6928	.7441

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.1187	.3636	1.2959
.5000	.5427	-1.1315	.3600	1.3032
.5000	.3454	-1.0036	.3958	1.2326
.5000	.1480	-.8630	.4351	1.1597
.5000	-.1480	-.8246	.4458	1.1405
.5000	-.5427	-1.0849	.3730	1.2769
.5000	-.7401	-1.1612	.3517	1.3203

PT 3.0702 ATM
 TT 129.5655 K
 PC 10.0630 MILLION
 MACH .7685
 ALPHA 3.5029 DEG

CN .6482
 CM -.0595
 CC .0095

CD2 .05196
 CD3 .05192
 CD4 .05353
 CD5 .05160
 CD6 .04508

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1464	.9973	.0624
.0040	.2741	.7538	.6489
.0150	-.1887	.6247	.8490
.0250	-.3356	.5837	.9127
.0400	-.6181	.5048	1.0395
.0600	-.7972	.4549	1.1246
.0800	-.9077	.4240	1.1798
.1000	-.9831	.4030	1.2189
.1400	-1.0619	.3810	1.2612
.1799	-1.1434	.3582	1.3068
.2201	-1.1652	.3521	1.3194
.2600	-1.1714	.3504	1.3229
.3000	-1.1808	.3478	1.3284
.3400	-1.1945	.3440	1.3364
.3801	-1.1867	.3461	1.3319
.4199	-1.1349	.3606	1.3020
.4600	-.8994	.4263	1.1755
.5000	-.6932	.4839	1.0746
.5400	-.5768	.5164	1.0205
.5799	-.5218	.5317	.9954
.6201	-.4616	.5485	.9684
.6600	-.4091	.5631	.9451
.7000	-.3594	.5770	.9232
.7500	-.2982	.5941	.8964
.8000	-.2501	.6075	.8755
.8500	-.2139	.6176	.8598
.9237	-.1620	.6321	.8375
.9749	-.1234	.6429	.8209

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1464	.9973	.0624
.0040	.7895	.8977	.3960
.0080	.6009	.8450	.4967
.0262	.4497	.8028	.5694
.0500	.3579	.7772	.6114
.1000	.2268	.7406	.6698
.1500	.1432	.7173	.7062
.2000	.0711	.6972	.7374
.2500	.0005	.6775	.7677
.3500	-.1569	.6335	.8353
.4500	-.2997	.5937	.8970
.5500	-.2775	.5999	.8874
.6500	-.1162	.6449	.8178
.7500	.0052	.6788	.7657
.8000	.0443	.6897	.7489
.8500	.0682	.6963	.7386
.9000	.0852	.7011	.7313
.9500	.0400	.6885	.7507

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.9660	.4077	1.2099
.5000	.5427	-.7979	.4547	1.1249
.5000	.3454	-.7011	.4817	1.0783
.5000	.1480	-.6770	.4884	1.0670
.5000	-.1480	-.6921	.4842	1.0741
.5000	-.5427	-.7885	.4573	1.1203
.5000	-.7401	-1.0198	.3927	1.2384

PT 3.0702 ATM
 TT 129.5555 K
 RC 10.0720 MILLION
 MACH .7695
 ALPHA 4.0019 DEG

CN .6469
 CM -.0548
 CC .0107

CD2 .05484
 CD3 .05542
 CD4 .05993
 CD5 .06044
 CD6 .05576

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1414	.9954	.0808	0.0000	1.1414	.9954	.0808	.5000	.7401	-.6874	.4823	1.0772
.0040	.2274	.7390	.6723	.0040	.8293	.9079	.3743	.5000	.5427	-.6419	.4951	1.0557
.0150	-.2276	.6113	.8696	.0080	.6454	.8563	.4763	.5000	.3454	-.6033	.5059	1.0376
.0250	-.3633	.5733	.9291	.0262	.4824	.8105	.5565	.5000	.1480	-.6078	.5047	1.0398
.0400	-.6510	.4925	1.0600	.0500	.3897	.7845	.5995	.5000	-.1480	-.6197	.5013	1.0453
.0600	-.8268	.4432	1.1451	.1000	.2496	.7452	.6625	.5000	-.5427	-.6483	.4933	1.0587
.0800	-.9359	.4126	1.2008	.1500	.1640	.7212	.7001	.5000	-.7401	-.7450	.4662	1.1049
.1000	-1.0083	.3923	1.2392	.2000	.0862	.6994	.7339					
.1400	-1.0828	.3714	1.2802	.2500	.0152	.6795	.7646					
.1799	-1.1622	.3491	1.3257	.3500	-.1511	.6328	.8364					
.2201	-1.1849	.3427	1.3390	.4500	-.3025	.5903	.9023					
.2600	-1.1899	.3413	1.3420	.5500	-.2859	.5950	.8950					
.3000	-1.1971	.3393	1.3464	.6500	-.1280	.6393	.8265					
.3400	-1.2099	.3357	1.3540	.7500	-.0119	.6719	.7763					
.3801	-1.1782	.3446	1.3351	.8000	.0268	.6827	.7596					
.4199	-1.0107	.3916	1.2405	.8500	.0511	.6895	.7491					
.4600	-.7548	.4634	1.1096	.9000	.0659	.6937	.7427					
.5000	-.6247	.4999	1.0477	.9500	.0161	.6797	.7642					
.5400	-.5532	.5200	1.0145									
.5799	-.5087	.5325	.9942									
.6201	-.4576	.5468	.9711									
.6600	-.4111	.5598	.9503									
.7000	-.3694	.5715	.9318									
.7500	-.3148	.5869	.9077									
.8000	-.2711	.5991	.8885									
.8500	-.2318	.6102	.8714									
.9237	-.1991	.6193	.8572									
.9749	-.1506	.6329	.8362									

PT 3.0701 ATM
 TT 129.5789 K
 RC 10.0529 MILLION
 MACH .7674
 ALPHA 4.5171 DEG

CN .6706
 CM -.0528
 CC .0096

CD2 .05639
 CD3 .05709
 CD4 .06379
 CD5 .06911
 CD6 .06875

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1248	.9914	.1113	0.0000	1.1248	.9914	.1113	.5000	.7401	-.6074	.5088	1.0329
.0040	.1368	.7162	.7080	.0040	.8891	.9257	.3340	.5000	.5427	-.6343	.5013	1.0453
.0150	-.3149	.5903	.9023	.0080	.7069	.8750	.4412	.5000	.3454	-.6032	.5100	1.0309
.0250	-.4289	.5585	.9524	.0262	.5270	.8249	.5321	.5000	.1480	-.6063	.5091	1.0324
.0400	-.7207	.4773	1.0858	.0500	.4259	.7967	.5796	.5000	-.1480	-.6140	.5070	1.0359
.0600	-.8933	.4292	1.1704	.1000	.2801	.7561	.6453	.5000	-.5427	-.6403	.4996	1.0481
.0800	-1.0041	.3983	1.2277	.1500	.1918	.7315	.6841	.5000	-.7401	-.6694	.4916	1.0616
.1000	-1.0738	.3789	1.2653	.2000	.1110	.7090	.7191					
.1400	-1.1436	.3594	1.3043	.2500	.0375	.6885	.7508					
.1799	-1.2197	.3362	1.3486	.3500	-.1306	.6416	.8228					
.2201	-1.2418	.3321	1.3618	.4500	-.2838	.5990	.8888					
.2600	-1.2438	.3315	1.3631	.5500	-.2773	.6008	.8860					
.3000	-1.2475	.3305	1.3653	.6500	-.1282	.6423	.8218					
.3400	-1.2160	.3393	1.3464	.7500	-.0160	.6736	.7737					
.3801	-1.0556	.3840	1.2553	.8000	.0195	.6835	.7585					
.4199	-.8482	.4417	1.1478	.8500	.0424	.6898	.7487					
.4600	-.6920	.4852	1.0723	.9000	.0558	.6936	.7429					
.5000	-.6169	.5062	1.0373	.9500	.0031	.6789	.7655					
.5400	-.5615	.5216	1.0118									
.5799	-.5149	.5346	.9907									
.6201	-.4632	.5490	.9676									
.6600	-.4194	.5612	.9482									
.7000	-.3799	.5722	.9308									
.7500	-.3268	.5870	.9075									
.8000	-.2877	.5979	.8905									
.8500	-.2576	.6063	.8775									
.9237	-.2173	.6175	.8601									
.9749	-.1747	.6294	.8417									

PT 3.0293 ATM
 TT 129.5135 K
 RC 10.0240 MILLION
 MACH .7806
 ALPHA -.9979 DEG

CN .1994
 CM -.0705
 CC .0123

CD2 .01072
 CD3 .01028
 CD4 .01029
 CD5 .01036
 CD6 .00991

UPPER SURFACE			
X/C	CP	P,L/PT	MLQC
0.0000	1.0904	.9795	.1722
.0040	.9590	.9421	.2934
.0150	.4963	.8101	.5572
.0250	.2685	.7451	.6627
.0400	.0030	.6693	.7802
.0600	-.1871	.6151	.8637
.0800	-.3321	.5738	.9283
.1000	-.4156	.5499	.9661
.1400	-.4998	.5259	1.0048
.1799	-.5730	.5050	1.0391
.2201	-.5656	.5071	1.0356
.2600	-.5549	.5102	1.0306
.3000	-.5382	.5149	1.0228
.3400	-.5314	.5169	1.0195
.3801	-.5520	.5110	1.0292
.4199	-.5668	.5068	1.0362
.4600	-.5845	.5018	1.0446
.5000	-.6193	.4918	1.0612
.5400	-.6535	.4821	1.0776
.5799	-.6931	.4708	1.0970
.6201	-.7320	.4597	1.1162
.6600	-.7457	.4558	1.1230
.7000	-.5251	.5187	1.0166
.7500	-.3341	.5732	.9292
.8000	-.1982	.6119	.8687
.8500	-.0549	.6528	.8056
.9237	.1034	.6980	.7361
.9749	.1685	.7165	.7073

LOWER SURFACE			
X/C	CP	P,L/PT	MLQC
0.0000	1.0904	.9795	.1722
.0040	-.3089	.5804	.9179
.0080	-.5044	.5246	1.0070
.0262	-.2128	.6078	.8751
.0500	-.1422	.6279	.8439
.1000	-.1987	.6118	.8688
.1500	-.2204	.6056	.8785
.2000	-.2520	.5966	.8925
.2500	-.2939	.5847	.9112
.3500	-.4322	.5452	.9737
.4500	-.5715	.5055	1.0384
.5500	-.3707	.5627	.9457
.6500	-.1325	.6307	.8397
.7500	.0324	.6777	.7673
.8000	.0931	.6950	.7406
.8500	.1431	.7093	.7186
.9000	.1863	.7216	.6994
.9500	.2001	.7256	.6933

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT MLQC
.5000	-.7401	-.5656	.5072 1.0356
.5000	.5427	-.6015	.4969 1.0526
.5000	.3454	-.6111	.4942 1.0573
.5000	.1480	-.6187	.4920 1.0609
.5000	-.1480	-.6250	.4902 1.0639
.5000	-.5427	-.6191	.4919 1.0611
.5000	-.7401	-.5984	.4978 1.0512

PT 3.0294 ATM
 TT 129.6514 K
 RC 10.0263 MILLION
 MACH .7830
 ALPHA -.0102 DEG

CN .3496
 CM -.0712
 CC .0110

CD2 .01131
 CD3 .01061
 CD4 .01069
 CD5 .01085
 CD6 .01027

UPPER SURFACE			
X/C	CP	P,L/PT	MLQC
0.0000	1.1476	.9953	.0817
.0040	.8385	.9066	.3771
.0150	.3528	.7672	.6276
.0250	.1336	.7042	.7264
.0400	-.1373	.6265	.8462
.0600	-.3190	.5743	.9274
.0800	-.4649	.5324	.9943
.1000	-.5587	.5055	1.0383
.1400	-.6369	.4831	1.0760
.1799	-.7113	.4617	1.1126
.2201	-.7428	.4526	1.1284
.2600	-.7526	.4498	1.1334
.3000	-.7598	.4478	1.1370
.3400	-.7723	.4442	1.1434
.3801	-.7748	.4435	1.1447
.4199	-.7821	.4414	1.1484
.4600	-.7891	.4394	1.1520
.5000	-.8137	.4323	1.1647
.5400	-.8195	.4306	1.1677
.5799	-.7936	.4381	1.1543
.6201	-.6923	.4671	1.1032
.6600	-.5478	.5086	1.0331
.7000	-.4471	.5375	.9860
.7500	-.3137	.5758	.9250
.8000	-.1827	.6134	.8663
.8500	-.0458	.6527	.8057
.9237	.1040	.6958	.7395
.9749	.1643	.7131	.7128

LOWER SURFACE			
X/C	CP	P,L/PT	MLQC
0.0000	1.1476	.9953	.0817
.0040	.0471	.6794	.7647
.0080	-.1240	.6303	.8403
.0262	-.0223	.6595	.7954
.0500	-.0070	.6639	.7886
.1000	-.0730	.6449	.8177
.1500	-.1142	.6331	.8359
.2000	-.1577	.6206	.8552
.2500	-.2092	.6058	.8781
.3500	-.3509	.5652	.9419
.4500	-.4843	.5268	1.0033
.5500	-.3433	.5673	.9384
.6500	-.1154	.6328	.8365
.7500	.0451	.6788	.7656
.8000	.1031	.6955	.7399
.8500	.1489	.7086	.7196
.9000	.1899	.7204	.7013
.9500	.2001	.7233	.6968

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT MLQC
.5000	.7401	-.6489	.4796 1.0818
.5000	.5427	-.6724	.4728 1.0934
.5000	.3454	-.6973	.4657 1.1057
.5000	.1480	-.8057	.4346 1.1605
.5000	-.1480	-.8179	.4311 1.1669
.5000	-.5427	-.6756	.4719 1.0949
.5000	-.7401	-.6629	.4756 1.0887

PT 3.0297 ATM
 TT 129.6634 K
 RC 10.0278 MILLION
 MACH .7832
 ALPHA 1.0081 DEG

CN .4936
 CM -.0788
 CC .0126

CD2 .02303
 CD3 .02167
 CD4 .01948
 CD5 .01680
 CD6 .01431

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1581	.9986	.0450	0.0000	1.1581	.9986	.0450	.5000	.7401	-.8866	.4132	1.1996
.0040	.6903	.8647	.4608	.0040	.3399	.7643	.6321	.5000	.5427	-.9317	.4003	1.2239
.0150	.2019	.7248	.6944	.0080	.1639	.7140	.7114	.5000	.3454	-.9891	.3839	1.2555
.0250	-.0037	.6660	.7854	.0262	.1597	.7127	.7132	.5000	.1480	-.9817	.3860	1.2514
.0400	-.2793	.5871	.9074	.0500	.1279	.7037	.7273	.5000	-.1480	-.9863	.3847	1.2539
.0600	-.4499	.5382	.9849	.1000	.0358	.6773	.7680	.5000	-.5427	-.9604	.3921	1.2396
.0800	-.5899	.4981	1.0506	.1500	-.0194	.6615	.7923	.5000	-.7401	-.9133	.4056	1.2139
.1000	-.6924	.4688	1.1003	.2000	-.0786	.6445	.8183					
.1400	-.7814	.4433	1.1449	.2500	-.1317	.6293	.8418					
.1799	-.8502	.4236	1.1805	.3500	-.2793	.5871	.9074					
.2201	-.8788	.4154	1.1955	.4500	-.4093	.5499	.9662					
.2600	-.8877	.4129	1.2002	.5500	-.3140	.5771	.9229					
.3000	-.8966	.4103	1.2050	.6500	-.1059	.6367	.8304					
.3400	-.9131	.4056	1.2139	.7500	.0414	.6789	.7655					
.3801	-.9172	.4045	1.2160	.8000	.0943	.6940	.7422					
.4199	-.9317	.4003	1.2239	.8500	.1374	.7064	.7231					
.4600	-.9440	.3968	1.2306	.9000	.1701	.7157	.7086					
.5000	-.9794	.3866	1.2501	.9500	.1628	.7136	.7118					
.5400	-1.0089	.3782	1.2666									
.5799	-1.0321	.3716	1.2798									
.6201	-.7949	.4395	1.1518									
.6600	-.4992	.5241	1.0077									
.7000	-.3860	.5565	.9556									
.7500	-.2706	.5896	.9035									
.8000	-.1688	.6187	.8582									
.8500	-.0741	.6458	.8164									
.9237	.0296	.6755	.7707									
.9749	.0955	.6944	.7417									

PT 3.0297 ATM
 TT 129.6107 K
 RC 10.0276 MILLION
 MACH .7824
 ALPHA 1.5020 DEG

CN .5178
 CM -.0731
 CC .0135

CD2 .03403
 CD3 .03104
 CD4 .02677
 CD5 .02283
 CD6 .01825

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1582	.9987	.0437	0.0000	1.1582	.9987	.0437	.5000	.7401	-.9576	.3935	1.2368
.0040	.6234	.8457	.4955	.0040	.4427	.7940	.5840	.5000	.5427	-1.0001	.3814	1.2604
.0150	.1360	.7063	.7232	.0080	.2628	.7426	.6666	.5000	.3454	-1.0455	.3684	1.2861
.0250	-.0627	.6495	.8107	.0262	.2211	.7307	.6853	.5000	.1480	-1.0327	.3721	1.2788
.0400	-.3393	.5704	.9336	.0500	.1779	.7183	.7046	.5000	-.1480	-1.0343	.3716	1.2797
.0600	-.5018	.5239	1.0081	.1000	.0767	.6893	.7494	.5000	-.5427	-1.0144	.3773	1.2684
.0800	-.6411	.4841	1.0742	.1500	.0153	.6718	.7764	.5000	-.7401	-.9762	.3882	1.2471
.1000	-.7380	.4563	1.1220	.2000	-.0446	.6547	.8027					
.1400	-.8321	.4294	1.1699	.2500	-.1045	.6375	.8291					
.1799	-.9065	.4081	1.2091	.3500	-.2554	.5944	.8960					
.2201	-.9326	.4007	1.2231	.4500	-.3912	.5555	.9571					
.2600	-.9412	.3982	1.2278	.5500	-.3134	.5778	.9219					
.3000	-.9491	.3960	1.2321	.6500	-.1133	.6350	.8330					
.3400	-.9645	.3916	1.2406	.7500	.0277	.6753	.7710					
.3801	-.9669	.3909	1.2419	.8000	.0765	.6893	.7495					
.4199	-.9795	.3873	1.2489	.8500	.1140	.7000	.7329					
.4600	-.9898	.3843	1.2546	.9000	.1394	.7073	.7217					
.5000	-1.0284	.3733	1.2764	.9500	.1162	.7007	.7319					
.5400	-1.0416	.3695	1.2839									
.5799	-.7890	.4417	1.1477									
.6201	-.5303	.5158	1.0214									
.6600	-.4165	.5483	.9687									
.7000	-.3488	.5677	.9379									
.7500	-.2652	.5916	.9004									
.8000	-.1879	.6137	.8660									
.8500	-.1267	.6312	.8389									
.9237	-.0488	.6535	.8046									
.9749	-.0029	.6666	.7844									

PT 3.0297 ATM
 TT 129.6247 K
 RC 10.0218 MILLION
 MACH .7818
 ALPHA 2.0162 DEG

CN .5303
 CM -.0662
 CC .0144

CD2 .04197
 CD3 .03864
 CD4 .03420
 CD5 .03011
 CD6 .02364

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1545	.9975	.0593
.0040	.5627	.8281	.5264
.0150	.0768	.6890	.7499
.0250	-.1145	.6343	.8342
.0400	-.3894	.5556	.9571
.0600	-.5525	.5089	1.0327
.0800	-.6849	.4710	1.0966
.1000	-.7760	.4449	1.1421
.1400	-.8723	.4173	1.1920
.1799	-.9490	.3954	1.2333
.2201	-.9746	.3880	1.2474
.2600	-.9841	.3853	1.2527
.3000	-.9934	.3826	1.2579
.3400	-1.0076	.3786	1.2659
.3801	-1.0095	.3780	1.2669
.4199	-1.0208	.3748	1.2733
.4600	-1.0298	.3722	1.2784
.5000	-1.0425	.3686	1.2857
.5400	-.8102	.4351	1.1596
.5799	-.5388	.5128	1.0263
.6201	-.4350	.5425	.9780
.6600	-.3814	.5578	.9535
.7000	-.3364	.5707	.9330
.7500	-.2674	.5905	.9020
.8000	-.2126	.6062	.8776
.8500	-.1492	.6186	.8583
.9237	-.1128	.6347	.8334
.9749	-.0725	.6463	.8156

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1545	.9975	.0593
.0040	.5316	.8192	.5417
.0080	.3487	.7669	.6281
.0262	.2757	.7460	.6613
.0500	.2217	.7305	.6856
.1000	.1131	.6994	.7339
.1500	.0460	.6802	.7635
.2000	-.0178	.6619	.7916
.2500	-.0809	.6439	.8194
.3500	-.2362	.5994	.8881
.4500	-.3796	.5584	.9526
.5500	-.3168	.5763	.9242
.6500	-.1225	.6320	.8377
.7500	.0128	.6707	.7781
.8000	.0580	.6836	.7582
.8500	.0912	.6932	.7435
.9000	.1111	.6989	.7347
.9500	.0752	.6886	.7506

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.0018	.3802	1.2626
.5000	.5427	-1.0532	.3655	1.2919
.5000	.3454	-1.0921	.3544	1.3146
.5000	.1480	-1.0732	.3598	1.3035
.5000	-.1480	-1.0582	.3641	1.2948
.5000	-.5427	-1.0684	.3612	1.3007
.5000	-.7401	-1.0279	.3728	1.2774

PT 3.0297 ATM
 TT 129.6054 K
 RC 10.0261 MILLION
 MACH .7821
 ALPHA 2.4947 DEG

CN .5511
 CM -.0618
 CC .0144

CD2 .04761
 CD3 .04584
 CD4 .04295
 CD5 .04007
 CD6 .03225

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1573	.9984	.0478
.0040	.4972	.8095	.5581
.0150	.0164	.6720	.7761
.0250	-.1648	.6202	.8559
.0400	-.4404	.5413	.9799
.0600	-.6117	.4923	1.0603
.0800	-.7177	.4621	1.1119
.1000	-.8180	.4333	1.1629
.1400	-.9110	.4067	1.2119
.1799	-.9913	.3837	1.2558
.2201	-1.0155	.3768	1.2694
.2600	-1.0246	.3742	1.2746
.3000	-1.0355	.3711	1.2808
.3400	-1.0484	.3674	1.2882
.3801	-1.0507	.3667	1.2895
.4199	-1.0606	.3639	1.2953
.4600	-1.0622	.3634	1.2962
.5000	-.9489	.3958	1.2324
.5400	-.6461	.4825	1.0769
.5799	-.4929	.5263	1.0042
.6201	-.4285	.5447	.9744
.6600	-.3805	.5585	.9525
.7000	-.3344	.5717	.9316
.7500	-.2747	.5887	.9048
.8000	-.2249	.6030	.8826
.8500	-.1841	.6146	.8645
.9237	-.1404	.6272	.8451
.9749	-.1011	.6384	.8278

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1573	.9984	.0478
.0040	.6093	.8416	.5028
.0080	.4263	.7893	.5918
.0262	.3296	.7616	.6365
.0500	.2651	.7431	.6658
.1000	.1474	.7095	.7183
.1500	.0751	.6888	.7502
.2000	.0074	.6694	.7801
.2500	-.0582	.6507	.8089
.3500	-.2176	.6050	.8794
.4500	-.3668	.5624	.9463
.5500	-.3164	.5768	.9235
.6500	-.1285	.6306	.8399
.7500	.0029	.6681	.7820
.8000	.0459	.6805	.7631
.8500	.0769	.6893	.7494
.9000	.0953	.6946	.7413
.9500	.0547	.6830	.7592

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.0430	.3689	1.2851
.5000	.5427	-1.0952	.3540	1.3155
.5000	.3454	-1.1035	.3516	1.3204
.5000	.1480	-1.0262	.3737	1.2755
.5000	-.1480	-.9618	.3922	1.2395
.5000	-.5427	-1.1155	.3482	1.3276
.5000	-.7401	-1.0724	.3605	1.3021

PT 3.0299 ATM
 TT 129.6093 K
 RC 10.0277 MILLION
 MACH .7823
 ALPHA 3.0039 DEG

CN .5651
 CM -.0581
 CC .0154

CD2 .04690
 CD3 .04932
 CD4 .05419
 CD5 .05171
 CD6 .04208

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1585	.9987	.0439	0.0000	1.1585	.9987	.0439	.5000	.7401	-1.0757	.3587	1.3058
.0040	.4368	.7919	.5874	.0040	.6732	.8596	.4702	.5000	.5427	-.9538	.3936	1.2367
.0150	-.0367	.6563	.8002	.0080	.4875	.8064	.5633	.5000	.3454	-.7376	.4555	1.1233
.0250	-.2062	.6077	.8752	.0262	.3717	.7733	.6178	.5000	.1480	-.7369	.4558	1.1230
.0400	-.4827	.5285	1.0005	.0500	.2965	.7517	.6522	.5000	-.1480	-.7241	.4594	1.1166
.0600	-.6588	.4781	1.0844	.1000	.1737	.7166	.7073	.5000	-.5427	-.8602	.4204	1.1863
.0800	-.7657	.4475	1.1375	.1500	.0962	.6944	.7416	.5000	-.7401	-1.1085	.3493	1.3252
.1000	-.8577	.4211	1.1850	.2000	.0261	.6743	.7726					
.1400	-.9432	.3967	1.2308	.2500	-.0437	.6543	.8033					
.1799	-1.0255	.3731	1.2768	.3500	-.2069	.6076	.8755					
.2201	-1.0503	.3660	1.2910	.4500	-.3652	.5622	.9465					
.2600	-1.0591	.3634	1.2961	.5500	-.3281	.5728	.9297					
.3000	-1.0702	.3603	1.3026	.6500	-.1427	.6259	.8470					
.3400	-1.0850	.3560	1.3113	.7500	-.0125	.6632	.7896					
.3801	-1.0854	.3559	1.3115	.8000	.0289	.6751	.7713					
.4199	-1.0947	.3532	1.3170	.8500	.0563	.6829	.7593					
.4600	-1.0530	.3652	1.2926	.9000	.0734	.6878	.7517					
.5000	-.7923	.4399	1.1511	.9500	.0291	.6751	.7713					
.5400	-.5600	.5064	1.0368									
.5799	-.4803	.5292	.9994									
.6201	-.4275	.5443	.9750									
.6600	-.3816	.5575	.9540									
.7000	-.3392	.5696	.9348									
.7500	-.2902	.5837	.9126									
.8000	-.2467	.5961	.8932									
.8500	-.2143	.6054	.8787									
.9237	-.1758	.6165	.8617									
.9749	-.1414	.6263	.8464									

PT 3.0297 ATM
 TT 129.6082 K
 RC 10.0326 MILLION
 MACH .7831
 ALPHA 3.4826 DEG

CN .5866
 CM -.0554
 CC .0153

CD2 .05044
 CD3 .05474
 CD4 .06217
 CD5 .06147
 CD6 .05285

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1555	.9980	.0534	0.0000	1.1555	.9980	.0534	.5000	.7401	-.9807	.3877	1.2481
.0040	.3645	.7720	.6198	.0040	.7362	.8782	.4350	.5000	.5427	-.6536	.4811	1.0792
.0150	-.0993	.6395	.8261	.0080	.5515	.8254	.5311	.5000	.3454	-.5908	.4991	1.0490
.0250	-.2579	.5942	.8963	.0262	.4172	.7871	.5954	.5000	.1480	-.6183	.4912	1.0622
.0400	-.5364	.5146	1.0233	.0500	.3361	.7639	.6329	.5000	-.1480	-.6019	.4959	1.0543
.0600	-.7138	.4639	1.1087	.1000	.2036	.7260	.6926	.5000	-.5427	-.6561	.4804	1.0804
.0800	-.8239	.4325	1.1644	.1500	.1229	.7030	.7284	.5000	-.7401	-1.0287	.3740	1.2750
.1000	-.9047	.4094	1.2068	.2000	.0480	.6816	.7614					
.1400	-.9865	.3860	1.2513	.2500	-.0221	.6616	.7922					
.1799	-1.0685	.3626	1.2979	.3500	-.1909	.6133	.8665					
.2201	-1.0927	.3557	1.3120	.4500	-.3511	.5676	.9381					
.2600	-1.1025	.3529	1.3178	.5500	-.3227	.5757	.9253					
.3000	-1.1133	.3498	1.3242	.6500	-.1462	.6261	.8468					
.3400	-1.1278	.3456	1.3329	.7500	-.0226	.6614	.7924					
.3801	-1.1262	.3461	1.3319	.8000	.0169	.6727	.7750					
.4199	-1.1190	.3482	1.3276	.8500	.0453	.6808	.7626					
.4600	-.8911	.4133	1.1995	.9000	.0600	.6850	.7561					
.5000	-.6475	.4829	1.0762	.9500	.0113	.6711	.7775					
.5400	-.5302	.5164	1.0204									
.5799	-.4822	.5301	.9980									
.6201	-.4345	.5437	.9760									
.6600	-.3918	.5559	.9565									
.7000	-.3540	.5667	.9394									
.7500	-.3099	.5793	.9195									
.8000	-.2669	.5916	.9003									
.8500	-.2312	.6018	.8844									
.9237	-.2050	.6093	.8727									
.9749	-.1639	.6210	.8545									

PT 3.0294 ATM
 TT 129.6271 K
 RC 10.0240 MILLION
 MACH .7823
 ALPHA 4.0120 DEG

CN .6029
 CM -.0534
 CC .0160

CD2 .05401
 CD3 .05897
 CD4 .06635
 CD5 .06857
 CD6 .06345

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1549	.9978	.0560
.0040	.2992	.7533	.6497
.0150	-.1610	.6219	.8533
.0250	-.3035	.5811	.9167
.0400	-.5887	.4996	1.0481
.0600	-.7627	.4499	1.1332
.0800	-.8737	.4182	1.1904
.1000	-.9453	.3978	1.2287
.1400	-1.0240	.3753	1.2724
.1799	-1.1059	.3519	1.3198
.2201	-1.1301	.3450	1.3343
.2600	-1.1371	.3429	1.3386
.3000	-1.1459	.3404	1.3439
.3400	-1.1633	.3355	1.3545
.3801	-1.1491	.3395	1.3458
.4199	-1.0210	.3761	1.2707
.4600	-.6959	.4690	1.1000
.5000	-.5813	.5018	1.0445
.5400	-.5214	.5189	1.0163
.5799	-.4837	.5296	.9988
.6201	-.4407	.5419	.9789
.6600	-.4017	.5531	.9611
.7000	-.3647	.5636	.9443
.7500	-.3264	.5746	.9270
.8000	-.2918	.5845	.9114
.8500	-.2669	.5916	.9003
.9237	-.2338	.6011	.8855
.9749	-.2014	.6103	.8712

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1549	.9978	.0560
.0040	.8005	.8966	.3982
.0080	.6136	.8431	.5000
.0262	.4613	.7996	.5747
.0500	.3671	.7727	.6186
.1000	.2341	.7347	.6790
.1500	.1480	.7101	.7173
.2000	.0724	.6885	.7507
.2500	-.0031	.6670	.7838
.3500	-.1722	.6187	.8583
.4500	-.3392	.5709	.9327
.5500	-.3268	.5745	.9271
.6500	-.1538	.6239	.8501
.7500	-.0296	.6594	.7955
.8000	.0083	.6702	.7788
.8500	.0311	.6767	.7688
.9000	.0448	.6806	.7628
.9500	-.0065	.6660	.7853

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6697	.4765	1.0871
.5000	.5427	-.5814	.5017	1.0446
.5000	.3454	-.5528	.5099	1.0311
.5000	.1480	-.5726	.5042	1.0404
.5000	-.1480	-.5590	.5081	1.0340
.5000	-.5427	-.5891	.4995	1.0483
.5000	-.7401	-.7085	.4654	1.1062

PT 3.0147 ATM
 TT 129.5834 K
 RC 10.0552 MILLION
 MACH .7928
 ALPHA -.9979 DEG

CN .1922
 CM -.0737
 CC .0135

CD2 .01247
 CD3 .01182
 CD4 .01198
 CD5 .01189
 CD6 .01106

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0884	.9773	.1816
.0040	.9763	.9447	.2862
.0150	.5193	.8122	.5537
.0250	.2932	.7466	.6603
.0400	.0295	.6701	.7790
.0600	-.1596	.6153	.8635
.0800	-.3062	.5728	.9299
.1000	-.3902	.5484	.9665
.1400	-.4777	.5230	1.0095
.1799	-.5634	.4982	1.0506
.2201	-.5693	.4965	1.0534
.2600	-.5636	.4981	1.0507
.3000	-.5602	.4991	1.0490
.3400	-.5401	.5049	1.0393
.3801	-.5371	.5058	1.0379
.4199	-.5548	.5006	1.0464
.4600	-.5861	.4916	1.0616
.5000	-.6282	.4794	1.0822
.5400	-.6672	.4681	1.1016
.5799	-.7125	.4549	1.1245
.6201	-.7654	.4396	1.1516
.6600	-.8339	.4197	1.1876
.7000	-.8404	.4758	1.0883
.7500	-.3176	.5695	.9350
.8000	-.1800	.6094	.8726
.8500	-.0494	.6472	.8142
.9237	.0985	.6901	.7482
.9749	.1585	.7075	.7213

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0884	.9773	.1816
.0040	-.3405	.5628	.9456
.0080	-.5556	.5004	1.0468
.0262	-.2092	.6009	.8858
.0500	-.1601	.6151	.8637
.1000	-.2155	.5991	.8886
.1500	-.2363	.5930	.8980
.2000	-.2660	.5844	.9115
.2500	-.3087	.5720	.9310
.3500	-.4511	.5307	.9970
.4500	-.6357	.4772	1.0859
.5500	-.3709	.5540	.9596
.6500	-.1349	.6225	.8524
.7500	.0310	.6706	.7783
.8000	.0917	.6882	.7512
.8500	.1404	.7023	.7294
.9000	.1827	.7146	.7104
.9500	.1964	.7186	.7042

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5863	.4915	1.0617
.5000	.5427	-.6158	.4830	1.0761
.5000	.3454	-.6210	.4815	1.0787
.5000	.1480	-.6263	.4799	1.0813
.5000	-.1480	-.6325	.4781	1.0844
.5000	-.5427	-.6220	.4812	1.0791
.5000	-.7401	-.6079	.4852	1.0723

PT 3.0153 ATM
 TT 129.6010 K
 RC 10.0537 MILLION
 MACH .7926
 ALPHA .0407 DEG

CN .3591
 CM -.0780
 CC .0141

CD2 .01506
 CD3 .01377
 CD4 .01323
 CD5 .01273
 CD6 .01195

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1465	.9937	.0952	0.0000	1.1465	.9937	.0952	.5000	.7401	-.7271	.4478	1.1370
.0040	.8504	.9074	.3753	.0040	.0411	.6716	.7767	.5000	.5427	-.7651	.4367	1.1568
.0150	.3693	.7672	.6275	.0080	-.1308	.6215	.8538	.5000	.3454	-.8169	.4216	1.1841
.0250	.1520	.7039	.7269	.0262	-.0238	.6527	.8058	.5000	.1480	-.8386	.4153	1.1958
.0400	-.1192	.6249	.8486	.0500	-.0093	.6569	.7993	.5000	-.1480	-.8437	.4138	1.1985
.0600	-.2999	.5723	.9306	.1000	-.0765	.6373	.8294	.5000	-.5427	-.7803	.4323	1.1647
.0800	-.4444	.5301	.9979	.1500	-.1192	.6249	.8486	.5000	-.7401	-.7373	.4448	1.1423
.1000	-.5403	.5022	1.0438	.2000	-.1638	.6119	.8687					
.1400	-.6224	.4783	1.0841	.2500	-.2163	.5966	.8925					
.1799	-.6971	.4565	1.1216	.3500	-.3653	.5532	.9609					
.2201	-.7297	.4470	1.1383	.4500	-.5280	.5058	1.0379					
.2600	-.7445	.4427	1.1460	.5500	-.3554	.5561	.9563					
.3000	-.7558	.4394	1.1519	.6500	-.1231	.6238	.8503					
.3400	-.7726	.4345	1.1607	.7500	.0374	.6705	.7784					
.3801	-.7794	.4325	1.1643	.8000	.0950	.6873	.7525					
.4199	-.7932	.4285	1.1715	.8500	.1407	.7006	.7320					
.4600	-.8065	.4246	1.1786	.9000	.1795	.7119	.7145					
.5000	-.8388	.4152	1.1959	.9500	.1855	.7137	.7118					
.5400	-.8684	.4066	1.2120									
.5799	-.9024	.3967	1.2308									
.6201	-.9438	.3846	1.2540									
.6600	-.7548	.4397	1.1514									
.7000	-.4230	.5364	.9879									
.7500	-.2743	.5797	.9189									
.8000	-.1598	.6131	.8669									
.8500	-.0506	.6449	.8178									
.9237	.0770	.6821	.7606									
.9749	.1370	.6995	.7337									

PT 3.0155 ATM
 TT 129.6569 K
 RC 10.0382 MILLION
 MACH .7912
 ALPHA 1.0042 DEG

CN .4487
 CM -.0726
 CC .0151

CD2 .02891
 CD3 .02668
 CD4 .02344
 CD5 .01936
 CD6 .01610

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1596	.9980	.0533	0.0000	1.1596	.9980	.0533	.5000	.7401	-.8810	.4068	1.2116
.0040	.7190	.8703	.4501	.0040	.3018	.7495	.6557	.5000	.5427	-.9172	.3963	1.2314
.0150	.2329	.7295	.6871	.0080	.1310	.7000	.7329	.5000	.3454	-.9671	.3819	1.2594
.0250	.0270	.6699	.7794	.0262	.1360	.7014	.7307	.5000	.1480	-.9598	.3840	1.2552
.0400	-.2468	.5906	.9019	.0500	.1092	.6937	.7427	.5000	-.1480	-.9639	.3828	1.2576
.0600	-.4170	.5413	.9800	.1000	.0210	.6681	.7820	.5000	-.5427	-.9423	.3891	1.2454
.0800	-.5575	.5005	1.0466	.1500	-.0350	.6519	.8070	.5000	-.7401	-.9009	.4011	1.2224
.1000	-.6589	.4712	1.0963	.2000	-.0922	.6353	.8325					
.1400	-.7490	.4451	1.1418	.2500	-.1476	.6193	.8573					
.1799	-.8186	.4249	1.1781	.3500	-.3006	.5750	.9264					
.2201	-.8489	.4161	1.1942	.4500	-.4493	.5319	.9951					
.2600	-.8589	.4132	1.1996	.5500	-.3417	.5630	.9452					
.3000	-.8693	.4102	1.2052	.6500	-.1250	.6258	.8471					
.3400	-.8874	.4050	1.2150	.7500	.0236	.6689	.7809					
.3801	-.8928	.4034	1.2180	.8000	.0750	.6838	.7580					
.4199	-.9078	.3990	1.2263	.8500	.1143	.6952	.7404					
.4600	-.9205	.3954	1.2332	.9000	.1417	.7031	.7282					
.5000	-.9581	.3845	1.2543	.9500	.1231	.6977	.7365					
.5400	-.9882	.3758	1.2715									
.5799	-.9429	.3889	1.2457									
.6201	-.6098	.4854	1.0720									
.6600	-.4302	.5374	.9862									
.7000	-.3459	.5618	.9471									
.7500	-.2556	.5880	.9059									
.8000	-.1770	.6108	.8704									
.8500	-.1118	.6297	.8412									
.9237	-.0324	.6527	.8058									
.9749	.0168	.6669	.7839									

PT 3.0153 ATM
 TT 129.6267 K
 RC 10.0463 MILLION
 MACH .7919
 ALPHA 1.5170 DEG

CN .4629
 CM -.0656
 CC .0166

CD2 .03866
 CD3 .03518
 CD4 .03122
 CD5 .02663
 CD6 .02090

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1614	.9983	.0493
.0040	.6629	.8535	.4813
.0150	.1775	.7125	.7136
.0250	-.0227	.6544	.8032
.0400	-.2959	.5751	.9262
.0600	-.4597	.5275	1.0023
.0800	-.5975	.4875	1.0685
.1000	-.6965	.4587	1.1178
.1400	-.7908	.4313	1.1664
.1799	-.8654	.4096	1.2063
.2201	-.8931	.4016	1.2214
.2600	-.9027	.3988	1.2267
.3000	-.9135	.3957	1.2327
.3400	-.9304	.3908	1.2421
.3801	-.9340	.3897	1.2441
.4199	-.9474	.3858	1.2517
.4600	-.9590	.3825	1.2583
.5000	-.9992	.3708	1.2813
.5400	-.9722	.3786	1.2658
.5799	-.6252	.4794	1.0822
.6201	-.4388	.5336	.9924
.6600	-.3657	.5548	.9584
.7000	-.3183	.5685	.9365
.7500	-.2532	.5875	.9068
.8000	-.2012	.6026	.8832
.8500	-.1609	.6143	.8651
.9237	-.1042	.6307	.8396
.9749	-.0697	.6408	.8242

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1614	.9983	.0493
.0040	.4053	.7787	.6090
.0080	.2218	.7254	.6935
.0262	.1939	.7173	.7061
.0500	.1552	.7061	.7236
.1000	.0592	.6782	.7666
.1500	-.0031	.6601	.7944
.2000	-.0616	.6431	.8205
.2500	-.1236	.6251	.8483
.3500	-.2811	.5793	.9195
.4500	-.4402	.5331	.9931
.5500	-.3506	.5592	.9513
.6500	-.1378	.6210	.8547
.7500	.0060	.6628	.7903
.8000	.0539	.6766	.7690
.8500	.0875	.6864	.7539
.9000	.1090	.6927	.7443
.9500	.0759	.6830	.7591

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.9324	.3902	1.2432
.5000	.5427	-.9757	.3776	1.2678
.5000	.3454	-1.0189	.3651	1.2929
.5000	.1480	-1.0040	.3694	1.2841
.5000	-.1480	-1.0050	.3691	1.2847
.5000	-.5427	-.9889	.3738	1.2754
.5000	-.7401	-.9526	.3843	1.2546

PT 3.0156 ATM
 TT 129.6221 K
 RC 10.0553 MILLION
 MACH .7930
 ALPHA 2.0060 DEG

CN .4868
 CM -.0610
 CC .0171

CD2 .04507
 CD3 .04432
 CD4 .04130
 CD5 .03574
 CD6 .02737

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1631	.9990	.0382
.0040	.6035	.8367	.5114
.0150	.1202	.6967	.7381
.0250	-.0736	.6405	.8246
.0400	-.3477	.5610	.9484
.0600	-.5088	.5143	1.0238
.0800	-.6465	.4744	1.0907
.1000	-.7361	.4484	1.1358
.1400	-.8335	.4202	1.1867
.1799	-.9112	.3977	1.2289
.2201	-.9377	.3900	1.2436
.2600	-.9481	.3870	1.2494
.3000	-.9587	.3839	1.2554
.3400	-.9746	.3793	1.2645
.3801	-.9775	.3785	1.2661
.4199	-.9894	.3750	1.2729
.4600	-.9994	.3721	1.2787
.5000	-1.0198	.3662	1.2906
.5400	-.7617	.4410	1.1490
.5799	-.4862	.5209	1.0130
.6201	-.4030	.5450	.9740
.6600	-.3572	.5583	.9528
.7000	-.3188	.5694	.9351
.7500	-.2609	.5862	.9087
.8000	-.2175	.5988	.8891
.8500	-.1848	.6083	.8744
.9237	-.1411	.6209	.8547
.9749	-.1086	.6303	.8402

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1631	.9990	.0382
.0040	.4972	.8060	.5642
.0080	.3139	.7528	.6505
.0262	.2548	.7357	.6775
.0500	.2041	.7210	.7004
.1000	.0990	.6905	.7476
.1500	.0302	.6706	.7783
.2000	-.0326	.6524	.8063
.2500	-.0974	.6336	.8352
.3500	-.2588	.5868	.9078
.4500	-.4214	.5397	.9825
.5500	-.3495	.5605	.9492
.6500	-.1430	.6204	.8556
.7500	-.0045	.6605	.7938
.8000	.0405	.6736	.7737
.8500	.0728	.6829	.7593
.9000	.0908	.6881	.7512
.9500	.0517	.6768	.7687

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.9813	.3774	1.2683
.5000	.5427	-1.0239	.3650	1.2930
.5000	.3454	-1.0594	.3547	1.3139
.5000	.1480	-1.0415	.3599	1.3033
.5000	-.1480	-1.0327	.3625	1.2981
.5000	-.5427	-1.0381	.3609	1.3013
.5000	-.7401	-.9979	.3726	1.2778

PT 3.0152 ATM
 TT 129.5929 K
 RC 10.0580 MILLION
 MACH .7931
 ALPHA 2.5144 DEG

CN .5018
 CM -.0575
 CC .0183

CD2 .04337
 CD3 .04651
 CD4 .05129
 CD5 .04886
 CD6 .03777

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1604	.9978	.0567	0.0000	1.1604	.9978	.0567	.5000	.7401	-1.0108	.3653	1.2924
.0040	.5527	.8207	.5391	.0040	.5671	.8249	.5319	.5000	.5427	-1.0556	.3522	1.3191
.0150	.0726	.6809	.7624	.0080	.3805	.7706	.6221	.5000	.3454	-.9653	.3786	1.2659
.0250	-.1128	.6269	.8455	.0262	.2989	.7468	.6600	.5000	.1480	-.9391	.3862	1.2510
.0400	-.3855	.5474	.9700	.0500	.2389	.7293	.6874	.5000	-.1480	-.9111	.3943	1.2353
.0600	-.5515	.4991	1.0490	.1000	.1276	.6969	.7378	.5000	-.5427	-1.0587	.3513	1.3210
.0800	-.6676	.4653	1.1064	.1500	.0537	.6754	.7709	.5000	-.7401	-1.0386	.3572	1.3089
.1000	-.7654	.4368	1.1566	.2000	-.0123	.6562	.8005					
.1400	-.8606	.4091	1.2074	.2500	-.0806	.6363	.8311					
.1799	-.9408	.3857	1.2520	.3500	-.2465	.5879	.9060					
.2201	-.9670	.3781	1.2669	.4500	-.4207	.5372	.9865					
.2600	-.9769	.3752	1.2726	.5500	-.3626	.5541	.9594					
.3000	-.9894	.3715	1.2799	.6500	-.1566	.6141	.8653					
.3400	-1.0050	.3670	1.2890	.7500	-.0196	.6540	.8037					
.3801	-1.0080	.3661	1.2907	.8000	.0239	.6667	.7843					
.4199	-1.0194	.3628	1.2975	.8500	.0535	.6753	.7710					
.4600	-1.0282	.3602	1.3027	.9000	.0705	.6803	.7634					
.5000	-1.0041	.3672	1.2885	.9500	.0276	.6678	.7826					
.5400	-.6132	.4811	1.0793									
.5799	-.4632	.5248	1.0066									
.6201	-.4033	.5423	.9784									
.6600	-.3594	.5550	.9579									
.7000	-.3216	.5661	.9404									
.7500	-.2734	.5801	.9183									
.8000	-.2359	.5910	.9012									
.8500	-.2060	.5997	.8876									
.9237	-.1722	.6096	.8723									
.9749	-.1414	.6185	.8584									

PT 3.0156 ATM
 TT 129.6740 K
 RC 10.0495 MILLION
 MACH .7931
 ALPHA 3.0086 DEG

CN .5288
 CM -.0549
 CC .0184

CD2 .04663
 CD3 .05145
 CD4 .05995
 CD5 .05767
 CD6 .04644

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1621	.9985	.0459	0.0000	1.1621	.9985	.0459	.5000	.7401	-1.0523	.3554	1.3125
.0040	.4804	.8006	.5732	.0040	.6459	.8486	.4902	.5000	.5427	-.8993	.3999	1.2247
.0150	.0063	.6629	.7901	.0080	.4613	.7950	.5823	.5000	.3454	-.6319	.4775	1.0854
.0250	-.1688	.6120	.8685	.0262	.3539	.7638	.6330	.5000	.1480	-.6599	.4694	1.0993
.0400	-.4410	.5329	.9934	.0500	.2838	.7435	.6653	.5000	-.1480	-.6677	.4671	1.1032
.0600	-.6157	.4822	1.0774	.1000	.1635	.7085	.7198	.5000	-.5427	-.8169	.4238	1.1801
.0800	-.7214	.4515	1.1304	.1500	.0846	.6856	.7552	.5000	-.7401	-1.0805	.3472	1.3296
.1000	-.8156	.4242	1.1795	.2000	.0145	.6652	.7865					
.1400	-.9049	.3982	1.2278	.2500	-.0558	.6448	.8179					
.1799	-.9867	.3745	1.2740	.3500	-.2249	.5957	.8939					
.2201	-1.0117	.3672	1.2885	.4500	-.3999	.5449	.9741					
.2600	-1.0227	.3640	1.2949	.5500	-.3583	.5570	.9549					
.3000	-1.0347	.3605	1.3020	.6500	-.1601	.6145	.8646					
.3400	-1.0494	.3563	1.3108	.7500	-.0270	.6532	.8050					
.3801	-1.0518	.3556	1.3122	.8000	.0147	.6653	.7864					
.4199	-1.0631	.3523	1.3190	.8500	.0420	.6732	.7742					
.4600	-1.0418	.3585	1.3062	.9000	.0576	.6777	.7673					
.5000	-.7674	.4382	1.1541	.9500	.0098	.6639	.7886					
.5400	-.5199	.5101	1.0308									
.5799	-.4546	.5290	.9998									
.6201	-.4071	.5428	.9775									
.6600	-.3680	.5542	.9593									
.7000	-.3343	.5640	.9437									
.7500	-.2923	.5761	.9245									
.8000	-.2570	.5864	.9084									
.8500	-.2290	.5945	.8957									
.9237	-.2006	.6028	.8829									
.9749	-.1695	.6118	.8688									

PT 3.0157 ATM
 TT 129.6562 K
 RC 10.0751 MILLION
 MACH .7963
 ALPHA 3.5108 DEG

CN .5446
 CM -.0521
 CC .0192

CD2 .05226
 CD3 .05730
 CD4 .06624
 CD5 .06548
 CD6 .05772

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1585	.9975	.0603
.0040	.4135	.7810	.6053
.0150	-.0524	.6457	.8166
.0250	-.2151	.5984	.8897
.0400	-.4878	.5191	1.0159
.0600	-.6645	.4678	1.1020
.0800	-.7734	.4362	1.1577
.1000	-.8581	.4116	1.2027
.1400	-.9420	.3872	1.2490
.1799	-1.0241	.3634	1.2963
.2201	-1.0494	.3560	1.3113
.2600	-1.0598	.3530	1.3176
.3000	-1.0713	.3497	1.3245
.3400	-1.0880	.3448	1.3347
.3801	-1.0881	.3448	1.3347
.4199	-1.0909	.3440	1.3364
.4600	-.8631	.4101	1.2054
.5000	-.5915	.4890	1.0658
.5400	-.4924	.5178	1.0180
.5799	-.4555	.5285	1.0006
.6201	-.4140	.5406	.9810
.6600	-.3792	.5507	.9648
.7000	-.3510	.5589	.9518
.7500	-.3139	.5697	.9347
.8000	-.2832	.5786	.9207
.8500	-.2592	.5856	.9097
.9237	-.2342	.5928	.8984
.9749	-.2041	.6016	.8847

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1585	.9975	.0603
.0040	.7096	.8670	.4563
.0080	.5226	.8127	.5528
.0262	.3982	.7766	.6125
.0500	.3178	.7532	.6499
.1000	.1909	.7163	.7077
.1500	.1078	.6922	.7450
.2000	.0349	.6710	.7776
.2500	-.0380	.6498	.8102
.3500	-.2105	.5997	.8876
.4500	-.3897	.5477	.9697
.5500	-.3618	.5558	.9568
.6500	-.1691	.6117	.8690
.7500	-.0395	.6494	.8109
.8000	.0005	.6610	.7930
.8500	.0259	.6684	.7816
.9000	.0392	.6723	.7757
.9500	-.0126	.6572	.7988

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.0222	.3639	1.2952
.5000	.5427	-.6052	.4851	1.0726
.5000	.3454	-.5308	.5067	1.0364
.5000	.1480	-.5477	.5018	1.0446
.5000	-.1480	-.5551	.4996	1.0482
.5000	-.5427	-.6076	.4844	1.0737
.5000	-.7401	-.9899	.3733	1.2763

PT 2.9943 ATM
 TT 129.6480 K
 RC 10.0570 MILLION
 MACH .8040
 ALPHA -.9979 DEG

CN .1889
 CM -.0723
 CC .0159

CD2 .01535
 CD3 .01460
 CD4 .01483
 CD5 .01466
 CD6 .01344

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0931	.9766	.1842
.0040	.9842	.9444	.2870
.0150	.5331	.8112	.5554
.0250	.3084	.7448	.6632
.0400	.0439	.6667	.7843
.0600	-.1437	.6112	.8697
.0800	-.2898	.5681	.9372
.1000	-.3762	.5426	.9779
.1400	-.4647	.5164	1.0203
.1799	-.5580	.4888	1.0662
.2201	-.5775	.4831	1.0759
.2600	-.5804	.4822	1.0774
.3000	-.5896	.4795	1.0820
.3400	-.5954	.4778	1.0849
.3801	-.6031	.4755	1.0888
.4199	-.6123	.4728	1.0934
.4600	-.6184	.4710	1.0965
.5000	-.6330	.4667	1.1039
.5400	-.6536	.4606	1.1145
.5799	-.6800	.4528	1.1281
.6201	-.7361	.4362	1.1576
.6600	-.8218	.4109	1.2039
.7000	-.7433	.4341	1.1614
.7500	-.3088	.5625	.9461
.8000	-.1599	.6064	.8772
.8500	-.0452	.6403	.8248
.9237	.0753	.6759	.7700
.9749	.1301	.6921	.7451

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0931	.9766	.1842
.0040	-.3199	.5592	.9513
.0080	-.5470	.4921	1.0607
.0262	-.2038	.5935	.8973
.0500	-.1524	.6087	.8737
.1000	-.2109	.5914	.9006
.1500	-.2339	.5846	.9112
.2000	-.2653	.5753	.9258
.2500	-.3075	.5628	.9455
.3500	-.4566	.5188	1.0164
.4500	-.6500	.4617	1.1127
.5500	-.4862	.5101	1.0308
.6500	-.1308	.6150	.8638
.7500	.0282	.6620	.7915
.8000	.0876	.6796	.7645
.8500	.1366	.6940	.7422
.9000	.1759	.7057	.7242
.9500	.1831	.7078	.7209

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5969	.4773	1.0857
.5000	.5427	-.6136	.4724	1.0941
.5000	.3454	-.6170	.4714	1.0958
.5000	.1480	-.6200	.4705	1.0974
.5000	-.1480	-.6251	.4690	1.0999
.5000	-.5427	-.6183	.4710	1.0965
.5000	-.7401	-.6148	.4721	1.0947

PT 2.9942 ATM
 TT 129.7923 K
 RC 10.0308 MILLION
 MACH .8026
 ALPHA .0195 DEG

CN .3273
 CM -.0753
 CC .0161

CD2 .02060
 CD3 .01855
 CD4 .01694
 CD5 .01577
 CD6 .01472

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1440	.9918	.1083	0.0000	1.1440	.9918	.1083	.5000	-.7401	-.7356	.4377	1.1549
.0040	.8756	.9127	.3637	.0040	.0044	.6559	.8009	.5000	.5427	-.7653	.4290	1.1707
.0150	.3990	.7722	.6195	.0080	-.1649	.6060	.8779	.5000	.3454	-.8065	.4168	1.1930
.0250	.1812	.7080	.7206	.0262	-.0511	.6395	.8261	.5000	.1480	-.8236	.4118	1.2023
.0400	-.0885	.6285	.8431	.0500	-.0222	.6480	.8129	.5000	-.1480	-.8304	.4098	1.2061
.0600	-.2701	.5749	.9264	.1000	-.0904	.6279	.8439	.5000	-.5427	-.7779	.4252	1.1775
.0800	-.4143	.5324	.9942	.1500	-.1321	.6156	.8629	.5000	-.7401	-.7423	.4357	1.1585
.1000	-.5095	.5044	1.0402	.2000	-.1771	.6024	.8835					
.1400	-.5931	.4797	1.0816	.2500	-.2289	.5871	.9073					
.1799	-.6685	.4575	1.1199	.3500	-.3837	.5415	.9797					
.2201	-.7030	.4473	1.1378	.4500	-.5773	.4844	1.0737					
.2600	-.7180	.4429	1.1457	.5500	-.3696	.5456	.9730					
.3000	-.7328	.4385	1.1534	.6500	-.1325	.6155	.8631					
.3400	-.7496	.4336	1.1623	.7500	.0244	.6618	.7918					
.3801	-.7593	.4307	1.1675	.8000	.0808	.6784	.7663					
.4199	-.7747	.4262	1.1758	.8500	.1262	.6918	.7456					
.4600	-.7899	.4217	1.1839	.9000	.1607	.7019	.7300					
.5000	-.8232	.4119	1.2021	.9500	.1562	.7006	.7320					
.5400	-.8545	.4027	1.2194									
.5799	-.8920	.3916	1.2405									
.6201	-.9329	.3796	1.2639									
.6600	-.9640	.4588	1.1176									
.7000	-.3986	.5371	.9867									
.7500	-.2580	.5785	.9208									
.8000	-.1572	.6082	.8744									
.8500	-.0695	.6341	.8344									
.9237	.0259	.6622	.7912									
.9749	.0628	.6790	.7654									

PT 2.9946 ATM
 TT 129.6773 K
 RC 10.0238 MILLION
 MACH .7995
 ALPHA 1.0285 DEG

CN .3931
 CM -.0650
 CC .0182

CD2 .03459
 CD3 .03187
 CD4 .02797
 CD5 .02266
 CD6 .01840

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1629	.9975	.0604	0.0000	1.1629	.9975	.0604	.5000	.7401	-.8640	.4002	1.2241
.0040	.7549	.8772	.4368	.0040	.2590	.7311	.6846	.5000	.5427	-.8965	.3906	1.2424
.0150	.2739	.7355	.6777	.0080	.0855	.6800	.7638	.5000	.3454	-.9402	.3778	1.2675
.0250	.0674	.6747	.7720	.0262	.1102	.6873	.7526	.5000	.1480	-.9320	.3802	1.2627
.0400	-.2030	.5950	.8950	.0500	.0909	.6816	.7614	.5000	-.1480	-.9348	.3793	1.2643
.0600	-.3741	.5446	.9746	.1000	.0038	.6559	.8008	.5000	-.5427	-.9181	.3842	1.2547
.0800	-.5146	.5032	1.0422	.1500	-.0520	.6395	.8261	.5000	-.7401	-.8820	.3949	1.2342
.1000	-.6160	.4733	1.0926	.2000	-.1059	.6236	.8506					
.1400	-.7062	.4467	1.1389	.2500	-.1662	.6058	.8781					
.1799	-.7762	.4261	1.1760	.3500	-.3264	.5586	.9522					
.2201	-.8094	.4163	1.1939	.4500	-.5145	.5032	1.0421					
.2600	-.8205	.4130	1.2000	.5500	-.3785	.5433	.9767					
.3000	-.8335	.4092	1.2071	.6500	-.1475	.6113	.8696					
.3400	-.8538	.4032	1.2184	.7500	.0018	.6553	.8017					
.3801	-.8604	.4013	1.2220	.8000	.0517	.6700	.7791					
.4199	-.8764	.3965	1.2310	.8500	.0869	.6804	.7632					
.4600	-.8900	.3925	1.2387	.9000	.1097	.6871	.7528					
.5000	-.9303	.3807	1.2617	.9500	.0800	.6784	.7663					
.5400	-.9616	.3715	1.2800									
.5799	-.8087	.4165	1.1935									
.6201	-.4684	.5168	1.0197									
.6600	-.3583	.5492	.9672									
.7000	-.3039	.5653	.9417									
.7500	-.2412	.5837	.9126									
.8000	-.1869	.5991	.8885									
.8500	-.1495	.6107	.8705									
.9237	-.0937	.6272	.8450									
.9749	-.0641	.6359	.8316									

PT 2.9949 ATM
 TT 129.7440 K
 RC 10.0455 MILLION
 MACH .8036
 ALPHA 1.5274 DEG

CN .4183
 CM -.0599
 CC .0190

CD2 .04275
 CD3 .04048
 CD4 .03800
 CD5 .03307
 CD6 .02518

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1636	.9977	.0575
.0040	.6947	.8595	.4703
.0150	.2124	.7175	.7059
.0250	.0129	.6587	.7966
.0400	-.2579	.5789	.9202
.0600	-.4227	.5303	.9976
.0800	-.5612	.4895	1.0650
.1000	-.6600	.4604	1.1148
.1400	-.7539	.4328	1.1638
.1799	-.8299	.4104	1.2049
.2201	-.8596	.4016	1.2214
.2600	-.8694	.3988	1.2268
.3000	-.8609	.3953	1.2333
.3400	-.9006	.3896	1.2444
.3801	-.9047	.3883	1.2468
.4199	-.9188	.3842	1.2549
.4600	-.9315	.3804	1.2622
.5000	-.9735	.3681	1.2868
.5400	-.9445	.3766	1.2697
.5799	-.5343	.4975	1.0517
.6201	-.3905	.5398	.9823
.6600	-.3370	.5556	.9570
.7000	-.3003	.5664	.9399
.7500	-.2454	.5826	.9144
.8000	-.2092	.5932	.8977
.8500	-.1820	.6013	.8852
.9237	-.1358	.6149	.8641
.9749	-.1129	.6216	.8537

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1636	.9977	.0575
.0040	.3667	.7629	.6344
.0080	.1885	.7104	.7168
.0262	.1761	.7068	.7225
.0500	.1381	.6956	.7398
.1000	.0435	.6677	.7827
.1500	-.0193	.6492	.8112
.2000	-.0799	.6313	.8387
.2500	-.1414	.6132	.8667
.3500	-.3030	.5656	.9411
.4500	-.4929	.5097	1.0314
.5500	-.3867	.5410	.9805
.6500	-.1579	.6083	.8742
.7500	-.0104	.6518	.8071
.8000	.0370	.6658	.7857
.8500	.0670	.6746	.7721
.9000	.0870	.6805	.7630
.9500	.0498	.6696	.7799

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.9131	.3859	1.2516
.5000	.5427	-.9512	.3746	1.2736
.5000	.3454	-.9898	.3633	1.2964
.5000	.1480	-.9767	.3671	1.2887
.5000	-.1480	-.9771	.3670	1.2889
.5000	-.5427	-.9632	.3711	1.2807
.5000	-.7401	-.9281	.3815	1.2602

PT 2.9940 ATM
 TT 129.7181 K
 RC 10.0433 MILLION
 MACH .8033
 ALPHA 1.9900 DEG

CN .4432
 CM -.0558
 CC .0203

CD2 .04249
 CD3 .04536
 CD4 .04856
 CD5 .04506
 CD6 .03465

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1639	.9975	.0593
.0040	.6356	.8415	.5030
.0150	.1566	.7000	.7330
.0250	-.0377	.6426	.8214
.0400	-.3079	.5627	.9457
.0600	-.4696	.5150	1.0227
.0800	-.6064	.4746	1.0904
.1000	-.6972	.4477	1.1371
.1400	-.7951	.4188	1.1893
.1799	-.8719	.3961	1.2318
.2201	-.9002	.3878	1.2479
.2600	-.9122	.3842	1.2548
.3000	-.9247	.3805	1.2620
.3400	-.9406	.3758	1.2713
.3801	-.9452	.3745	1.2740
.4199	-.9579	.3707	1.2814
.4600	-.9695	.3673	1.2883
.5000	-1.0018	.3578	1.3077
.5400	-.7244	.4397	1.1513
.5799	-.4582	.5183	1.0172
.6201	-.3843	.5402	.9817
.6600	-.3418	.5527	.9616
.7000	-.3093	.5623	.9463
.7500	-.2648	.5755	.9255
.8000	-.2302	.5857	.9095
.8500	-.2001	.5946	.8956
.9237	-.1749	.6020	.8840
.9749	-.1442	.6111	.8700

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1639	.9975	.0593
.0040	.4659	.7913	.5884
.0080	.2816	.7369	.6756
.0262	.2364	.7235	.6965
.0500	.1906	.7100	.7175
.1000	.0835	.6784	.7663
.1500	.0154	.6583	.7972
.2000	-.0479	.6396	.8260
.2500	-.1144	.6199	.8563
.3500	-.2837	.5699	.9343
.4500	-.4771	.5128	1.0263
.5500	-.3930	.5376	.9859
.6500	-.1677	.6041	.8807
.7500	-.0271	.6457	.8165
.8000	.0180	.6590	.7961
.8500	.0494	.6683	.7818
.9000	.0665	.6734	.7740
.9500	.0238	.6607	.7934

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.9509	.3728	1.2773
.5000	.5427	-.9929	.3604	1.3023
.5000	.3454	-1.0222	.3517	1.3202
.5000	.1480	-1.0022	.3576	1.3080
.5000	-.1480	-.9925	.3605	1.3021
.5000	-.5427	-1.0181	.3529	1.3177
.5000	-.7401	-.9792	.3644	1.2941

PT 2.9952 ATM
 TT 129.6869 K
 RC 10.0441 MILLION
 MACH .8023
 ALPHA 2.5152 DEG

CN .4768
 CM -.0554
 CC .0204

CD2 .04398
 CD3 .04702
 CD4 .05646
 CD5 .05513
 CD6 .04339

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1638	.9978	.0556	0.0000	1.1638	.9978	.0556	.5000	.7401	-.9941	.3627	1.2977
.0040	.5783	.8255	.5309	.0040	.5386	.8138	.5509	.5000	.5427	-1.0383	.3497	1.3244
.0150	.1006	.6849	.7562	.0080	.3529	.7592	.6404	.5000	.3454	-.8571	.4030	1.2187
.0250	-.0858	.6300	.8407	.0262	.2889	.7403	.6702	.5000	.1480	-.8639	.4010	1.2225
.0400	-.3562	.5505	.9652	.0500	.2351	.7245	.6950	.5000	-.1480	-.8828	.3955	1.2331
.0600	-.5224	.5015	1.0449	.1000	.1199	.6906	.7475	.5000	-.5427	-1.0292	.3524	1.3189
.0800	-.6424	.4662	1.1048	.1500	.0469	.6691	.7806	.5000	-.7401	-1.0176	.3558	1.3118
.1000	-.7371	.4383	1.1538	.2000	-.0201	.6494	.8109					
.1400	-.8341	.4098	1.2060	.2500	-.0884	.6293	.8418					
.1799	-.9137	.3864	1.2507	.3500	-.2603	.5787	.9205					
.2201	-.9404	.3785	1.2660	.4500	-.4503	.5228	1.0100					
.2600	-.9519	.3751	1.2727	.5500	-.3854	.5418	.9790					
.3000	-.9651	.3712	1.2805	.6500	-.1683	.6057	.8783					
.3400	-.9806	.3667	1.2896	.7500	-.0307	.6462	.8157					
.3801	-.9855	.3652	1.2925	.8000	.0127	.6590	.7960					
.4199	-.9970	.3618	1.2994	.8500	.0434	.6681	.7821					
.4600	-1.0065	.3590	1.3051	.9000	.0597	.6729	.7748					
.5000	-1.0054	.3594	1.3044	.9500	.0147	.6596	.7951					
.5400	-.5866	.4826	1.0767									
.5799	-.4477	.5235	1.0087									
.6201	-.3906	.5403	.9815									
.6600	-.3508	.5520	.9627									
.7000	-.3196	.5612	.9481									
.7500	-.2779	.5735	.9287									
.8000	-.2441	.5834	.9130									
.8500	-.2151	.5920	.8997									
.9237	-.1916	.5989	.8889									
.9749	-.1602	.6081	.8745									

PT 2.9875 ATM
 TT 129.6523 K
 RC 10.0149 MILLION
 MACH .8012
 ALPHA 3.0650 DEG

CN .5017
 CM -.0530
 CC .0211

CD2 .04789
 CD3 .05236
 CD4 .06345
 CD5 .06290
 CD6 .05196

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1639	.9980	.0535	0.0000	1.1639	.9980	.0535	.5000	.7401	-1.0347	.3519	1.3198
.0040	.5077	.8052	.5655	.0040	.6226	.8390	.5075	.5000	.5427	-.8025	.4201	1.1868
.0150	.0340	.6660	.7854	.0080	.4337	.7834	.6013	.5000	.3454	-.5696	.4886	1.0666
.0250	-.1416	.6144	.8649	.0262	.3423	.7566	.6445	.5000	.1480	-.5999	.4797	1.0817
.0400	-.4094	.5357	.9890	.0500	.2743	.7366	.6761	.5000	-.1480	-.6120	.4761	1.0877
.0600	-.5851	.4840	1.0743	.1000	.1557	.7017	.7303	.5000	-.5427	-.7308	.4412	1.1487
.0800	-.6914	.4528	1.1282	.1500	.0766	.6785	.7661	.5000	-.7401	-1.0579	.3451	1.3340
.1000	-.7849	.4253	1.1773	.2000	.0077	.6582	.7973					
.1400	-.8767	.3984	1.2276	.2500	-.0651	.6368	.8302					
.1799	-.9589	.3742	1.2745	.3500	-.2372	.5863	.9086					
.2201	-.9850	.3665	1.2899	.4500	-.4289	.5299	.9983					
.2600	-.9960	.3633	1.2964	.5500	-.3878	.5420	.9788					
.3000	-1.0092	.3594	1.3043	.6500	-.1755	.6044	.8803					
.3400	-1.0255	.3546	1.3142	.7500	-.0386	.6446	.8182					
.3801	-1.0276	.3540	1.3154	.8000	.0031	.6569	.7993					
.4199	-1.0398	.3504	1.3229	.8500	.0284	.6643	.7879					
.4600	-1.0234	.3552	1.3129	.9000	.0431	.6687	.7812					
.5000	-.7207	.4442	1.1434	.9500	-.0056	.6543	.8033					
.5400	-.4909	.5117	1.0281									
.5799	-.4360	.5279	1.0016									
.6201	-.3932	.5404	.9813									
.6600	-.3620	.5496	.9666									
.7000	-.3341	.5578	.9535									
.7500	-.2985	.5682	.9370									
.8000	-.2709	.5764	.9242									
.8500	-.2528	.5817	.9158									
.9237	-.2229	.5905	.9020									
.9749	-.2000	.5972	.8916									

PT 4.8071 ATM
 TT 119.6516 K
 RC 15.1118 MILLION
 MACH .6053
 ALPHA -.9979 DEG

CN .1873
 CM -.0616
 CC .0097

CD2 .00795
 CD3 .00751
 CD4 .00769
 CD5 .00798
 CD6 .00748

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0336	.9876	.1341	0.0000	1.0336	.9876	.1341	.5000	.7401	-.4282	.6942	.7430
.0040	.8232	.9453	.2850	.0040	-.3249	.7149	.7109	.5000	.5427	-.4477	.6903	.7491
.0150	.3278	.8459	.4958	.0080	-.4196	.6959	.7403	.5000	.3454	-.4462	.6906	.7486
.0250	.1183	.8039	.5684	.0262	-.1849	.7430	.6669	.5000	.1480	-.4452	.6908	.7483
.0400	-.1407	.7519	.6529	.0500	-.1259	.7548	.6482	.5000	-.1480	-.4576	.6883	.7521
.0600	-.2993	.7200	.7029	.1000	-.1635	.7473	.6601	.5000	-.5427	-.4499	.6898	.7497
.0800	-.4008	.6997	.7345	.1500	-.1763	.7447	.6642	.5000	-.7401	-.4400	.6918	.7467
.1000	-.4320	.6934	.7442	.2000	-.2001	.7399	.6717					
.1400	-.4567	.6897	.7500	.2500	-.2291	.7341	.6808					
.1799	-.4562	.6886	.7517	.3500	-.3046	.7190	.7045					
.2201	-.4452	.6908	.7483	.4500	-.3587	.7081	.7214					
.2600	-.4266	.6945	.7425	.5500	-.2856	.7228	.6986					
.3000	-.4161	.6966	.7393	.6500	-.1180	.7564	.6456					
.3400	-.4251	.6948	.7420	.7500	.0209	.7843	.6007					
.3801	-.4264	.6945	.7424	.8000	.0748	.7951	.5829					
.4199	-.4367	.6925	.7456	.8500	.1204	.8043	.5677					
.4600	-.4412	.6916	.7470	.9000	.1632	.8129	.5533					
.5000	-.4538	.6890	.7509	.9500	.1802	.8163	.5475					
.5400	-.4620	.6874	.7535									
.5799	-.4704	.6857	.7561									
.6201	-.4777	.6843	.7583									
.6600	-.4740	.6850	.7572									
.7000	-.4457	.6907	.7484									
.7500	-.3703	.7058	.7250									
.8000	-.2681	.7263	.6931									
.8500	-.1314	.7537	.6499									
.9237	.0557	.7913	.5893									
.9749	.1484	.8099	.5583									

PT 4.8073 ATM
 TT 119.6535 K
 RC 15.1032 MILLION
 MACH .6049
 ALPHA .0102 DEG

CN .3080
 CM -.0618
 CC .0082

CD2 .00803
 CD3 .00758
 CD4 .00772
 CD5 .00791
 CD6 .00754

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0841	.9976	.0555	0.0000	1.0841	.9978	.0555	.5000	.7401	-.4696	.6880	.7525
.0040	.6095	.9032	.3848	.0040	.1334	.8083	.5610	.5000	.5427	-.4918	.6836	.7593
.0150	.0971	.8010	.5731	.0080	-.0268	.7763	.6137	.5000	.3454	-.4912	.6837	.7592
.0250	-.6900	.7637	.6340	.0262	.0350	.7886	.5936	.5000	.1480	-.4914	.6837	.7592
.0400	-.3594	.7100	.7185	.0500	.0321	.7881	.5946	.5000	-.1480	-.5043	.6811	.7632
.0600	-.4964	.6827	.7607	.1000	-.0444	.7728	.6194	.5000	-.5427	-.4965	.6827	.7608
.0800	-.5846	.6651	.7878	.1500	-.0781	.7661	.6302	.5000	-.7401	-.4862	.6847	.7576
.1000	-.5971	.6626	.7917	.2000	-.1146	.7588	.6418					
.1400	-.5849	.6650	.7879	.2500	-.1540	.7510	.6543					
.1799	-.5713	.6677	.7838	.3500	-.2401	.7338	.6814					
.2201	-.5433	.6733	.7751	.4500	-.3059	.7207	.7019					
.2600	-.5123	.6795	.7656	.5500	-.2481	.7322	.6839					
.3000	-.4914	.6837	.7592	.6500	-.0936	.7630	.6351					
.3400	-.4931	.6833	.7597	.7500	.0371	.7891	.5929					
.3801	-.4873	.6845	.7580	.8000	.0875	.7991	.5763					
.4199	-.4916	.6836	.7593	.8500	.1292	.8074	.5624					
.4600	-.4905	.6838	.7589	.9000	.1693	.8154	.5489					
.5000	-.4993	.6821	.7616	.9500	.1826	.8181	.5444					
.5400	-.5027	.6814	.7627									
.5799	-.5062	.6807	.7637									
.6201	-.5083	.6803	.7644									
.6600	-.5014	.6817	.7623									
.7000	-.4670	.6885	.7517									
.7500	-.3854	.7048	.7265									
.8000	-.2782	.7262	.6933									
.8500	-.1380	.7541	.6493									
.9237	.0548	.7926	.5871									
.9749	.1489	.8114	.5558									

PT 4.8072 ATM
 TT 119.5861 K
 RC 15.1041 MILLION
 MACH .6042
 ALPHA 1.0285 DEG

CN .4338
 CH -.0617
 CC .0030

CD2 .00818
 CD3 .00764
 CD4 .00787
 CD5 .00812
 CD6 .00778

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0846	.9979	.0547	0.0000	1.0846	.9979	.0547	.5000	.7401	-.5135	.6787	.7669
.0040	.3150	.8442	.4989	.0040	.4954	.8802	.4316	.5000	.5427	-.5379	.6738	.7744
.0150	-.1797	.7453	.6632	.0080	.3012	.8414	.5038	.5000	.3454	-.5389	.6736	.7747
.0250	-.3400	.7133	.7133	.0262	.2325	.8277	.5279	.5000	.1480	-.5397	.6734	.7750
.0400	-.6119	.6590	.7972	.0500	.1852	.8182	.5441	.5000	-.1480	-.5528	.6708	.7790
.0600	-.7239	.6367	.8317	.1000	.0708	.7954	.5825	.5000	-.5427	-.5435	.6727	.7762
.0800	-.7958	.6223	.8539	.1500	.0181	.7849	.5998	.5000	-.7401	-.5315	.6751	.7725
.1000	-.7877	.6239	.8514	.2000	-.0310	.7751	.6158					
.1400	-.7363	.6342	.8355	.2500	-.0790	.7655	.6312					
.1799	-.6998	.6415	.8243	.3500	-.1775	.7458	.6625					
.2201	-.6507	.6513	.8091	.4500	-.2540	.7305	.6866					
.2600	-.6075	.6599	.7959	.5500	-.2099	.7393	.6727					
.3000	-.5745	.6665	.7857	.6500	-.0680	.7677	.6277					
.3400	-.5665	.6681	.7832	.7500	.0533	.7919	.5883					
.3801	-.5534	.6707	.7792	.8000	.1000	.8012	.5728					
.4199	-.5519	.6710	.7787	.8500	.1390	.8090	.5598					
.4600	-.5447	.6724	.7765	.9000	.1760	.8164	.5473					
.5000	-.5482	.6717	.7776	.9500	.1849	.8182	.5442					
.5400	-.5466	.6721	.7771									
.5799	-.5461	.6722	.7770									
.6201	-.5426	.6729	.7759									
.6600	-.5292	.6756	.7717									
.7000	-.4887	.6836	.7593									
.7500	-.4600	.7014	.7319									
.8000	-.2863	.7241	.6966									
.8500	-.1394	.7534	.6505									
.9237	.0543	.7921	.5879									
.9749	.1490	.8110	.5564									

PT 4.8080 ATM
 TT 119.6456 K
 RC 15.1631 MILLION
 MACH .6079
 ALPHA 2.0060 DEG

CN .5549
 CH -.0614
 CC -.0047

CD2 .00858
 CD3 .00794
 CD4 .00817
 CD5 .00836
 CD6 .00791

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0780	.9964	.0717	0.0000	1.0780	.9964	.0717	.5000	.7401	-.5571	.6680	.7834
.0040	-.0110	.7777	.6115	.0040	.7565	.9318	.3197	.5000	.5427	-.5812	.6632	.7908
.0150	-.4676	.6860	.7557	.0080	.5564	.8917	.4088	.5000	.3454	-.5821	.6630	.7911
.0250	-.5976	.6599	.7959	.0262	.3924	.8587	.4725	.5000	.1480	-.5839	.6626	.7916
.0400	-.8873	.6017	.8858	.0500	.3136	.8429	.5011	.5000	-.1480	-.5963	.6601	.7955
.0600	-.9717	.5847	.9124	.1000	.1742	.8149	.5498	.5000	-.5427	-.5870	.6620	.7926
.0800	-1.0295	.5731	.9306	.1500	.1061	.8012	.5728	.5000	-.7401	-.5744	.6645	.7887
.1000	-.9928	.5805	.9190	.2000	.0477	.7895	.5922					
.1400	-.8933	.6005	.8877	.2500	-.0089	.7781	.6108					
.1799	-.8287	.6134	.8675	.3500	-.1163	.7565	.6454					
.2201	-.7560	.6280	.8450	.4500	-.2026	.7392	.6729					
.2600	-.7001	.6393	.8276	.5500	-.1721	.7453	.6632					
.3000	-.6530	.6487	.8130	.6500	-.0416	.7715	.6214					
.3400	-.6360	.6522	.8078	.7500	.0724	.7944	.5841					
.3801	-.6148	.6564	.8012	.8000	.1159	.8032	.5695					
.4199	-.6070	.6580	.7988	.8500	.1506	.8102	.5578					
.4600	-.5939	.6606	.7948	.9000	.1849	.8170	.5462					
.5000	-.5929	.6608	.7944	.9500	.1903	.8181	.5443					
.5400	-.5862	.6622	.7924									
.5799	-.5811	.6632	.7908									
.6201	-.5715	.6651	.7878									
.6600	-.5522	.6690	.7818									
.7000	-.5051	.6784	.7673									
.7500	-.4088	.6978	.7374									
.8000	-.2897	.7217	.7003									
.8500	-.1395	.7519	.6529									
.9237	.0578	.7915	.5889									
.9749	.1498	.8100	.5581									

PT 4.7964 ATM
 TT 119.6244 K
 RC 15.0681 MILLION
 MACH .6045
 ALPHA 3.0138 DEG

CN .6750
 CM -.0597
 CC -.0163

CD2 .00903
 CD3 .00836
 CD4 .00852
 CD5 .00858
 CD6 .00828

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.9907	.9793	.1732
.0040	-.4060	.7014	.7318
.0150	-.8118	.6207	.8564
.0250	-.8918	.6047	.8811
.0400	-1.2137	.5407	.9823
.0600	-1.2630	.5309	.9982
.0800	-1.3058	.5223	1.0121
.1000	-1.2218	.5391	.9849
.1400	-1.0559	.5721	.9323
.1799	-.9551	.5921	.9007
.2201	-.8580	.6114	.8707
.2600	-.7876	.6255	.8489
.3000	-.7275	.6374	.8305
.3400	-.7011	.6427	.8224
.3801	-.6722	.6484	.8135
.4199	-.6587	.6511	.8094
.4600	-.6395	.6549	.8035
.5000	-.6324	.6564	.8013
.5400	-.6202	.6588	.7976
.5799	-.6111	.6606	.7948
.6201	-.5959	.6636	.7901
.6600	-.5704	.6687	.7823
.7000	-.5185	.6790	.7664
.7500	-.4163	.6994	.7350
.8000	-.2901	.7245	.6960
.8500	-.1361	.7551	.6477
.9237	.0572	.7936	.5855
.9749	.1473	.8115	.5556

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.9907	.9793	.1732
.0040	.9367	.9686	.2144
.0080	.7536	.9322	.3189
.0262	.5331	.8883	.4156
.0500	.4318	.8681	.4549
.1000	.2713	.8362	.5131
.1500	.1907	.8201	.5409
.2000	.1218	.8064	.5641
.2500	.0607	.7943	.5844
.3500	-.0582	.7706	.6229
.4500	-.1528	.7518	.6530
.5500	-.1329	.7557	.6467
.6500	-.0151	.7792	.6090
.7500	.0881	.7997	.5753
.8000	.1278	.8076	.5621
.8500	.1612	.8143	.5509
.9000	.1918	.8204	.5405
.9500	.1916	.8203	.5406

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5919	.6644	.7889
.5000	.5427	-.6178	.6593	.7968
.5000	.3454	-.6210	.6586	.7978
.5000	.1480	-.6229	.6582	.7984
.5000	-.1480	-.6361	.6556	.8024
.5000	-.5427	-.6258	.6577	.7993
.5000	-.7401	-.6122	.6604	.7951

PT 4.7964 ATM
 TT 119.6829 K
 RC 15.0657 MILLION
 MACH .6050
 ALPHA 4.0324 DEG

CN .7940
 CM -.0558
 CC -.0313

CD2 .01006
 CD3 .00918
 CD4 .00939
 CD5 .00952
 CD6 .00921

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.8519	.9513	.2684
.0040	-.7908	.6227	.8532
.0150	-1.1400	.5529	.9627
.0250	-1.1478	.5513	.9652
.0400	-1.5413	.4726	1.0953
.0600	-1.6609	.4487	1.1369
.0800	-1.7356	.4337	1.1636
.1000	-1.7136	.4381	1.1557
.1400	-1.1648	.5479	.9707
.1799	-1.0641	.5680	.9386
.2201	-.9525	.5904	.9035
.2600	-.8688	.6071	.8774
.3000	-.7988	.6211	.8556
.3400	-.7636	.6282	.8448
.3801	-.7278	.6353	.8337
.4199	-.7094	.6390	.8280
.4600	-.6827	.6444	.8198
.5000	-.6719	.6465	.8164
.5400	-.6546	.6500	.8111
.5799	-.6403	.6528	.8067
.6201	-.6189	.6571	.8001
.6600	-.5881	.6633	.7906
.7000	-.5303	.6748	.7728
.7500	-.4213	.6966	.7392
.8000	-.2907	.7228	.6986
.8500	-.1344	.7540	.6494
.9237	.0544	.7918	.5884
.9749	.1378	.8085	.5607

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.8519	.9513	.2684
.0040	1.0342	.9878	.1328
.0080	.8868	.9583	.2478
.0262	.6456	.9101	.3700
.0500	.5259	.8861	.4200
.1000	.3524	.8514	.4858
.1500	.2627	.8335	.5178
.2000	.1852	.8180	.5446
.2500	.1193	.8048	.5669
.3500	-.0079	.7793	.6088
.4500	-.1104	.7588	.6418
.5500	-.1021	.7605	.6391
.6500	.0045	.7818	.6048
.7500	.0997	.8009	.5734
.8000	.1358	.8081	.5613
.8500	.1654	.8140	.5513
.9000	.1928	.8195	.5420
.9500	.1879	.8185	.5437

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6321	.6545	.8042
.5000	.5427	-.6573	.6494	.8119
.5000	.3454	-.6603	.6486	.8129
.5000	.1480	-.6625	.6484	.8135
.5000	-.1480	-.6749	.6459	.8174
.5000	-.5427	-.6646	.6480	.8142
.5000	-.7401	-.6506	.6508	.8099

PT 4.7965 ATM
 TT 119.6896 K
 RC 15.1239 MILLION
 MACH .6082
 ALPHA 5.0202 DEG

CN .9087
 CM -.0499
 CC -.0472

CD2 .01379
 CD3 .01266
 CD4 .01289
 CD5 .01301
 CD6 .01262

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.6912	.9184	.3514	0.0000	.6912	.9184	.3514	.5000	.7401	-.6503	.6481	.8140
.0040	-1.0967	.5581	.9543	.0040	1.0795	.9966	.0696	.5000	.5427	-.6758	.6429	.8219
.0150	-1.5617	.4644	1.1094	.0080	.9817	.9769	.1832	.5000	.3454	-.6786	.6424	.8228
.0250	-1.3385	.5094	1.0333	.0262	.7387	.9280	.3291	.5000	.1480	-.6821	.6417	.8239
.0400	-1.7231	.4319	1.1669	.0500	.6106	.9022	.3870	.5000	-.1480	-.6942	.6392	.8276
.0600	-1.8745	.4014	1.2234	.1000	.4304	.8658	.4591	.5000	-.5427	-.6824	.6416	.8240
.0800	-1.9939	.3773	1.2699	.1500	.3332	.8463	.4951	.5000	-.7401	-.6680	.6445	.8195
.1000	-2.0070	.3747	1.2751	.2000	.2479	.8291	.5255					
.1400	-1.9858	.3790	1.2667	.2500	.1786	.8151	.5494					
.1799	-1.2601	.5373	.9878	.3500	.0440	.7880	.5947					
.2201	-.9456	.5886	.9063	.4500	-.0658	.7659	.6305					
.2600	-.8725	.6033	.8833	.5500	-.0671	.7656	.6310					
.3000	-.8199	.6139	.8668	.6500	.0294	.7850	.5995					
.3400	-.7874	.6204	.8567	.7500	.1166	.8026	.5705					
.3801	-.7542	.6271	.8463	.8000	.1498	.8093	.5593					
.4199	-.7236	.6313	.8399	.8500	.1765	.8147	.5502					
.4600	-.7039	.6373	.8307	.9000	.2012	.8197	.5417					
.5000	-.6893	.6402	.8261	.9500	.1918	.8178	.5449					
.5400	-.6690	.6443	.8198									
.5799	-.6509	.6480	.8142									
.6201	-.6242	.6533	.8059									
.6600	-.5892	.6604	.7950									
.7000	-.5277	.6728	.7760									
.7500	-.4151	.6955	.7410									
.8000	-.2832	.7221	.6997									
.8500	-.1265	.7536	.6501									
.9237	.0544	.7901	.5912									
.9749	.1363	.8066	.5638									

PT 4.8086 ATM
 TT 119.7433 K
 RC 15.1215 MILLION
 MACH .6065
 ALPHA 7.0094 DEG

CN 1.0965
 CM -.0334
 CC -.0794

CD2 .02957
 CD3 .02851
 CD4 .02900
 CD5 .02932
 CD6 .02891

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.3740	.8550	.4792	0.0000	.3740	.8550	.4792	.5000	.7401	-.6081	.6578	.7991
.0040	-1.5817	.4622	1.1132	.0040	1.0885	.9985	.0460	.5000	.5427	-.6429	.6508	.8099
.0150	-2.3150	.3149	1.4013	.0080	1.0672	.9943	.0909	.5000	.3454	-.6529	.6488	.8130
.0250	-2.1304	.3520	1.3212	.0262	.8627	.9532	.2630	.5000	.1480	-.6559	.6482	.8139
.0400	-2.2479	.3284	1.3714	.0500	.7276	.9260	.3337	.5000	-.1480	-.6654	.6463	.8168
.0600	-2.2525	.3275	1.3735	.1000	.5406	.8885	.4152	.5000	-.5427	-.6478	.6498	.8114
.0800	-2.4359	.2906	1.4578	.1500	.4371	.8677	.4557	.5000	-.7401	-.6113	.6571	.8001
.1000	-2.3066	.3166	1.3975	.2000	.3445	.8491	.4900					
.1400	-2.3114	.3156	1.3997	.2500	.2665	.8334	.5179					
.1799	-2.0891	.3603	1.3041	.3500	.1223	.8045	.5674					
.2201	-1.5261	.4734	1.0940	.4500	.0006	.7800	.6077					
.2600	-1.2431	.5302	.9992	.5500	-.0193	.7760	.6142					
.3000	-.9247	.5942	.8975	.6500	.0595	.7919	.5883					
.3400	-.7827	.6227	.8532	.7500	.1344	.8069	.5633					
.3801	-.7268	.6339	.8359	.8000	.1617	.8124	.5541					
.4199	-.7084	.6376	.8302	.8500	.1810	.8163	.5475					
.4600	-.6794	.6434	.8212	.9000	.2008	.8202	.5407					
.5000	-.6648	.6464	.8166	.9500	.1849	.8170	.5462					
.5400	-.6410	.6512	.8093									
.5799	-.6187	.6556	.8024									
.6201	-.5855	.6623	.7921									
.6600	-.5453	.6704	.7797									
.7000	-.4821	.6831	.7601									
.7500	-.3754	.7045	.7270									
.8000	-.2566	.7284	.6899									
.8500	-.1195	.7559	.6465									
.9237	.0406	.7881	.5946									
.9749	.1155	.8031	.5697									

PT 4.8076 ATM
 TT 119.7214 K
 RC 15.0518 MILLION
 MACH .6027
 ALPHA 8.0037 DEG

CN 1.1025
 CM -.0208
 CC -.0863

CD2 .03968
 CD3 .03852
 CD4 .03853
 CD5 .03907
 CD6 .04237

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.2684	.8350	.5152
.0040	-1.7286	.4362	1.1592
.0150	-2.4525	.2916	1.4554
.0250	-2.2952	.3231	1.3832
.0400	-2.3977	.3026	1.4296
.0600	-2.4062	.3009	1.4336
.0800	-2.5626	.2697	1.5098
.1000	-2.4360	.2950	1.4475
.1400	-2.4097	.3002	1.4352
.1799	-1.7312	.4357	1.1601
.2201	-1.5874	.4644	1.1095
.2600	-1.2919	.5234	1.0103
.3000	-1.0656	.5686	.9378
.3400	-.9034	.6010	.8870
.3801	-.7649	.6286	.8440
.4199	-.7138	.6308	.8283
.4600	-.6552	.6505	.8103
.5000	-.6276	.6560	.8018
.5400	-.5875	.6640	.7895
.5799	-.5589	.6698	.7807
.6201	-.5211	.6773	.7690
.6600	-.4760	.6863	.7551
.7000	-.4132	.6988	.7358
.7500	-.3140	.7186	.7051
.8000	-.2139	.7386	.6738
.8500	-.1075	.7599	.6401
.9237	.0027	.7819	.6047
.9749	.0632	.7940	.5848

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.2684	.8350	.5152
.0040	1.0838	.9977	.0568
.0080	1.0795	.9969	.0666
.0262	.8912	.9593	.2447
.0500	.7578	.9327	.3177
.1000	.5679	.8947	.4025
.1500	.4631	.8738	.4440
.2000	.3664	.8545	.4802
.2500	.2860	.8385	.5090
.3500	.1351	.8083	.5609
.4500	.0061	.7826	.6035
.5500	-.0219	.7770	.6126
.6500	.0495	.7912	.5894
.7500	.1168	.8047	.5670
.8000	.1403	.8094	.5592
.8500	.1563	.8126	.5538
.9000	.1713	.8156	.5487
.9500	.1435	.8100	.5581

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5619	.6692	.7816
.5000	.5427	-.6033	.6609	.7943
.5000	.3454	-.6126	.6590	.7972
.5000	.1480	-.6148	.6586	.7978
.5000	-.1480	-.6146	.6586	.7978
.5000	-.5427	-.6058	.6604	.7951
.5000	-.7401	-.5904	.6635	.7903

PT 4.8119 ATM
 TT 119.6799 K
 RC 15.1060 MILLION
 MACH .6045
 ALPHA 9.0424 DEG

CN 1.0553
 CM -.0180
 CC -.0810

CD2 .05790
 CD3 .05761
 CD4 .05963
 CD5 .06195
 CD6 .06719

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.2023	.8219	.5378
.0040	-1.8145	.4196	1.1894
.0150	-2.5245	.2780	1.4888
.0250	-2.3692	.3090	1.4149
.0400	-2.4852	.2858	1.4695
.0600	-2.4806	.2867	1.4673
.0800	-2.5493	.2730	1.5012
.1000	-2.2354	.3356	1.3557
.1400	-1.8517	.4122	1.2031
.1799	-1.6565	.4511	1.1326
.2201	-1.4664	.4891	1.0673
.2600	-1.2142	.5394	.9844
.3000	-1.0471	.5727	.9313
.3400	-.9295	.5962	.8945
.3801	-.7927	.6234	.8521
.4199	-.7281	.6363	.8321
.4600	-.6546	.6510	.8096
.5000	-.6081	.6603	.7953
.5400	-.5581	.6702	.7799
.5799	-.5135	.6791	.7662
.6201	-.4675	.6883	.7520
.6600	-.4210	.6976	.7377
.7000	-.3714	.7075	.7224
.7500	-.2919	.7234	.6977
.8000	-.1876	.7442	.6651
.8500	-.1599	.7497	.6563
.9237	-.1242	.7568	.6450
.9749	-.0391	.7738	.6178

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	.2023	.8219	.5378
.0040	1.0772	.9965	.0713
.0080	1.0830	.9976	.0584
.0262	.9044	.9620	.2363
.0500	.7715	.9355	.3106
.1000	.5815	.8976	.3966
.1500	.4738	.8761	.4396
.2000	.3739	.8562	.4771
.2500	.2901	.8394	.5073
.3500	.1318	.8079	.5617
.4500	-.0060	.7804	.6071
.5500	-.0435	.7729	.6192
.6500	.0210	.7858	.5983
.7500	.0819	.7979	.5783
.8000	.1010	.8017	.5720
.8500	.1107	.8037	.5687
.9000	.1185	.8052	.5661
.9500	.0705	.7956	.5821

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5549	.6709	.7789
.5000	.5427	-.5895	.6640	.7895
.5000	.3454	-.6063	.6606	.7947
.5000	.1480	-.6029	.6613	.7937
.5000	-.1480	-.6044	.6610	.7941
.5000	-.5427	-.6095	.6600	.7957
.5000	-.7401	-.6156	.6588	.7976

PT 4.3072 ATM
 TT 119.6453 K
 RC 15.0500 MILLION
 MACH .7052
 ALPHA -.9877 DEG

CN .2063
 CM -.0669
 CC .0107

CD2 .00823
 CD3 .00780
 CD4 .00792
 CD5 .00819
 CD6 .00773

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0720	.9859	.1426	0.0000	1.0720	.9859	.1426	.5000	.7401	-.4844	.6014	.8861
.0040	.8790	.9382	.3036	.0040	-.2969	.6477	.8144	.5000	.5427	-.5083	.5955	.8953
.0150	.3880	.8169	.5463	.0080	-.4177	.6179	.8605	.5000	.3454	-.5082	.5955	.8953
.0250	.1607	.7608	.6386	.0262	-.1831	.6758	.7711	.5000	.1480	-.5118	.5946	.8966
.0400	-.1021	.6958	.7403	.0500	-.1348	.6877	.7528	.5000	-.1480	-.5235	.5917	.9012
.0600	-.2826	.6512	.8090	.1000	-.1703	.6790	.7663	.5000	-.5427	-.5102	.5950	.8960
.0800	-.4082	.6202	.8569	.1500	-.1870	.6749	.7726	.5000	-.7401	-.4960	.5985	.8906
.1000	-.4608	.6072	.8770	.2000	-.2154	.6678	.7834					
.1400	-.4972	.5982	.8910	.2500	-.2501	.6593	.7966					
.1799	-.5145	.5939	.8977	.3500	-.3477	.6351	.8338					
.2201	-.4991	.5977	.8918	.4500	-.4138	.6188	.8590					
.2600	-.4836	.6016	.8858	.5500	-.3196	.6421	.8231					
.3000	-.4726	.6043	.8816	.6500	-.1226	.6908	.7481					
.3400	-.4792	.6027	.8841	.7500	.0305	.7286	.6894					
.3801	-.4831	.6017	.8856	.8000	.0885	.7429	.6669					
.4199	-.4922	.5994	.8891	.8500	.1364	.7548	.6481					
.4600	-.4997	.5976	.8920	.9000	.1800	.7655	.6310					
.5000	-.5193	.5927	.8995	.9500	.1976	.7699	.6240					
.5400	-.5316	.5897	.9043									
.5799	-.5440	.5866	.9091									
.6201	-.5469	.5859	.9102									
.6600	-.5372	.5883	.9065									
.7000	-.4894	.6001	.8880									
.7500	-.3907	.6245	.8502									
.8000	-.2684	.6547	.8036									
.8500	-.1152	.6926	.7453									
.9237	.0796	.7407	.6704									
.9749	.1622	.7611	.6380									

PT 4.3070 ATM
 TT 119.5808 K
 RC 15.0537 MILLION
 MACH .7046
 ALPHA .0102 DEG

CN .3361
 CM -.0667
 CC .0093

CD2 .00837
 CD3 .00791
 CD4 .00802
 CD5 .00831
 CD6 .00785

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1208	.9974	.0611	0.0000	1.1208	.9974	.0611	.5000	.7401	-.5393	.5826	.9155
.0040	.6986	.8919	.4082	.0040	.1297	.7498	.6561	.5000	.5427	-.5655	.5761	.9257
.0150	.1925	.7654	.6311	.0080	-.0294	.7100	.7184	.5000	.3454	-.5675	.5755	.9265
.0250	-.0045	.7162	.7087	.0262	.0371	.7266	.6925	.5000	.1480	-.5712	.5746	.9280
.0400	-.3015	.6420	.8232	.0500	.0314	.7252	.6947	.5000	-.1480	-.5857	.5710	.9337
.0600	-.4777	.5980	.8914	.1000	-.0485	.7052	.7258	.5000	-.5427	-.5704	.5748	.9277
.0800	-.6086	.5653	.9428	.1500	-.0860	.6959	.7402	.5000	-.7401	-.5549	.5767	.9216
.1000	-.6585	.5528	.9626	.2000	-.1287	.6852	.7567					
.1400	-.6752	.5486	.9693	.2500	-.1721	.6743	.7734					
.1799	-.6682	.5504	.9665	.3500	-.2824	.6468	.8158					
.2201	-.6277	.5605	.9504	.4500	-.3615	.6270	.8463					
.2600	-.5920	.5694	.9362	.5500	-.2839	.6464	.8164					
.3000	-.5678	.5755	.9267	.6500	-.1009	.6921	.7460					
.3400	-.5651	.5761	.9256	.7500	.0429	.7281	.6902					
.3801	-.5610	.5772	.9240	.8000	.0978	.7418	.6687					
.4199	-.5634	.5766	.9249	.8500	.1432	.7531	.6507					
.4600	-.5647	.5762	.9254	.9000	.1842	.7634	.6344					
.5000	-.5791	.5726	.9311	.9500	.1958	.7663	.6298					
.5400	-.5852	.5711	.9335									
.5799	-.5910	.5697	.9358									
.6201	-.5881	.5704	.9347									
.6600	-.5704	.5748	.9277									
.7000	-.5123	.5894	.9049									
.7500	-.4032	.6166	.8624									
.8000	-.2711	.6496	.8115									
.8500	-.1114	.6895	.7500									
.9237	.0794	.7372	.6759									
.9749	.1612	.7576	.6436									

PT 4.3071 ATM
 TT 119.6143 K
 RC 15.0978 MILLION
 MACH .7083
 ALPHA 1.0488 DEG

CN .4796
 CM -.0654
 CC .0038

CD2 .00895
 CD3 .00839
 CD4 .00853
 CD5 .00876
 CD6 .00845

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1270	.9989	.0403	0.0000	1.1270	.9989	.0403	.5000	.7401	-.5945	.5682	.9381
.0040	.4700	.8345	.5159	.0040	.4780	.8365	.5124	.5000	.5427	-.6191	.5620	.9479
.0150	-.0377	.7075	.7222	.0080	.2945	.7906	.5903	.5000	.3454	-.6218	.5614	.9490
.0250	-.2211	.6616	.7930	.0262	.2328	.7752	.6155	.5000	.1480	-.6258	.5604	.9506
.0400	-.5304	.5842	.9129	.0500	.1888	.7642	.6332	.5000	-.1480	-.6406	.5567	.9564
.0600	-.6942	.5433	.9779	.1000	.0746	.7356	.6784	.5000	-.5427	-.6240	.5608	.9499
.0800	-.8354	.5079	1.0355	.1500	.0176	.7213	.7007	.5000	-.7401	-.6085	.5647	.9437
.1000	-.9193	.4869	1.0706	.2000	-.0373	.7076	.7221					
.1400	-.9580	.4772	1.0871	.2500	-.0890	.6946	.7421					
.1799	-.9338	.4833	1.0767	.3500	-.2094	.6645	.7885					
.2201	-.7661	.5253	1.0070	.4500	-.2998	.6419	.8233					
.2600	-.6948	.5431	.9782	.5500	-.2415	.6565	.8009					
.3000	-.6596	.5519	.9640	.6500	-.0743	.6983	.7364					
.3400	-.6486	.5546	.9597	.7500	.0592	.7317	.6845					
.3801	-.6368	.5576	.9550	.8000	.1101	.7445	.6645					
.4199	-.6341	.5583	.9539	.8500	.1526	.7551	.6476					
.4600	-.6278	.5599	.9514	.9000	.1901	.7645	.6326					
.5000	-.6362	.5578	.9547	.9500	.1966	.7661	.6300					
.5400	-.6352	.5580	.9543									
.5799	-.6351	.5580	.9543									
.6201	-.6230	.5611	.9495									
.6600	-.5930	.5686	.9376									
.7000	-.5260	.5853	.9112									
.7500	-.4076	.6150	.8650									
.8000	-.2685	.6498	.8113									
.8500	-.1071	.6901	.7491									
.9237	.0807	.7371	.6760									
.9749	.1589	.7567	.6451									

PT 4.3075 ATM
 TT 119.6483 K
 RC 15.0758 MILLION
 MACH .7070
 ALPHA 2.0040 DEG

CN .6143
 CM -.0626
 CC -.0038

CD2 .01083
 CD3 .01003
 CD4 .01037
 CD5 .01068
 CD6 .01041

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1184	.9970	.0660	0.0000	1.1184	.9970	.0660	.5000	.7401	-.6271	.5623	.9475
.0040	.2357	.7771	.6123	.0040	.7069	.8945	.4029	.5000	.5427	-.6466	.5574	.9553
.0150	-.2557	.6548	.8036	.0080	.5123	.8460	.4955	.5000	.3454	-.6450	.5578	.9547
.0250	-.3934	.6205	.8565	.0262	.3749	.8118	.5550	.5000	.1480	-.6467	.5574	.9553
.0400	-.7284	.5370	.9880	.0500	.3050	.7944	.5840	.5000	-.1480	-.6607	.5539	.9609
.0600	-.8916	.4964	1.0547	.1000	.1677	.7602	.6395	.5000	-.5427	-.6483	.5570	.9560
.0800	-1.0067	.4677	1.1034	.1500	.0970	.7426	.6674	.5000	-.7401	-.6398	.5591	.9526
.1000	-1.0926	.4463	1.1408	.2000	.0341	.7269	.6920					
.1400	-1.1685	.4274	1.1748	.2500	-.0243	.7124	.7146					
.1799	-1.2397	.4097	1.2075	.3500	-.1502	.6810	.7631					
.2201	-1.2340	.4111	1.2048	.4500	-.2480	.6567	.8006					
.2600	-1.1665	.4279	1.1739	.5500	-.2067	.6669	.7848					
.3000	-.7642	.5281	1.0024	.6500	-.0544	.7049	.7263					
.3400	-.6240	.5630	.9463	.7500	.0708	.7361	.6777					
.3801	-.6248	.5628	.9466	.8000	.1182	.7479	.6591					
.4199	-.6387	.5594	.9521	.8500	.1566	.7574	.6439					
.4600	-.6407	.5589	.9529	.9000	.1919	.7662	.6298					
.5000	-.6554	.5552	.9588	.9500	.1957	.7672	.6283					
.5400	-.6550	.5553	.9586									
.5799	-.6515	.5562	.9572									
.6201	-.6365	.5599	.9513									
.6600	-.6049	.5678	.9388									
.7000	-.5345	.5853	.9112									
.7500	-.4135	.6154	.8642									
.8000	-.2746	.6500	.8108									
.8500	-.1143	.6900	.7493									
.9237	.0756	.7373	.6758									
.9749	.1549	.7570	.6446									

PT 4.3073 ATM
 TT 119.7089 K
 RC 15.0540 MILLION
 MACH .7063
 ALPHA 3.0243 DEG

CN .7862
 CM -.0631
 CC -.0137

CD2 .01674
 CD3 .01589
 CD4 .01636
 CD5 .01701
 CD6 .01720

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0885	.9894	.1238	0.0000	1.0885	.9894	.1238	.5000	.7401	-.5908	.5701	.9351
.0040	-.0165	.7135	.7129	.0040	.8968	.9415	.2951	.5000	.5427	-.5598	.5779	.9229
.0150	-.4621	.6023	.8847	.0080	.7049	.8936	.4047	.5000	.3454	-.5433	.5820	.9164
.0250	-.5613	.5775	.9234	.0262	.5145	.8461	.4954	.5000	.1480	-.5409	.5826	.9154
.0400	-.9138	.4895	1.0663	.0500	.4242	.8235	.5350	.5000	-.1480	-.5476	.5809	.9181
.0600	-1.0810	.4478	1.1383	.1000	.2711	.7853	.5990	.5000	-.5427	-.5471	.5810	.9179
.0800	-1.1966	.4189	1.1904	.1500	.1890	.7648	.6321	.5000	-.7401	-.5837	.5719	.9323
.1000	-1.2542	.4045	1.2172	.2000	.1189	.7473	.6600					
.1400	-1.3203	.3880	1.2487	.2500	.0546	.7313	.6852					
.1799	-1.4008	.3679	1.2883	.3500	-.0766	.6985	.7361					
.2201	-1.4080	.3661	1.2920	.4500	-.1814	.6724	.7765					
.2600	-1.3863	.3716	1.2811	.5500	-.1558	.6787	.7666					
.3000	-1.3760	.3741	1.2760	.6500	-.0179	.7132	.7134					
.3400	-1.3837	.3722	1.2798	.7500	.0987	.7423	.6679					
.3801	-1.2726	.3999	1.2258	.8000	.1429	.7533	.6504					
.4199	-.7554	.5290	1.0009	.8500	.1779	.7620	.6365					
.4600	-.5798	.5729	.9307	.9000	.2111	.7703	.6232					
.5000	-.5476	.5809	.9181	.9500	.2129	.7708	.6225					
.5400	-.5574	.5785	.9219									
.5799	-.5739	.5744	.9284									
.6201	-.5743	.5742	.9286									
.6600	-.5580	.5783	.9222									
.7000	-.5004	.5927	.8996									
.7500	-.3908	.6201	.8571									
.8000	-.2608	.6525	.8070									
.8500	-.1064	.6911	.7476									
.9237	.0825	.7382	.6743									
.9749	.1673	.7594	.6408									

PT 4.3073 ATM
 TT 119.6643 K
 RC 15.0811 MILLION
 MACH .7077
 ALPHA 4.0120 DEG

CN .9280
 CM -.0671
 CC -.0219

CD2 .02949
 CD3 .02808
 CD4 .02910
 CD5 .03013
 CD6 .03022

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0217	.9726	.1998	0.0000	1.0217	.9726	.1998	.5000	.7401	-.5597	.5775	.9235
.0040	-.2494	.6550	.8032	.0040	1.0013	.9675	.2179	.5000	.5427	-.6793	.5476	.9710
.0150	-.6626	.5518	.9643	.0080	.8331	.9255	.3349	.5000	.3454	-.7393	.5326	.9951
.0250	-.6929	.5442	.9764	.0262	.6163	.8713	.4487	.5000	.1480	-.7652	.5261	1.0056
.0400	-1.0555	.4536	1.1280	.0500	.5106	.8449	.4975	.5000	-.1480	-.7806	.5223	1.0119
.0600	-1.2189	.4128	1.2018	.1000	.3486	.8044	.5673	.5000	-.5427	-.7217	.5370	.9880
.0800	-1.3431	.3817	1.2610	.1500	.2577	.7817	.6048	.5000	-.7401	-.5881	.5704	.9347
.1000	-1.3908	.3698	1.2846	.2000	.1809	.7625	.6358					
.1400	-1.4538	.3540	1.3166	.2500	.1136	.7457	.6625					
.1799	-1.5287	.3353	1.3561	.3500	-.0232	.7115	.7159					
.2201	-1.5393	.3327	1.3617	.4500	-.1346	.6837	.7590					
.2600	-1.5168	.3383	1.3497	.5500	-.1209	.6871	.7537					
.3000	-1.5149	.3388	1.3487	.6500	.0039	.7183	.7054					
.3400	-1.5307	.3348	1.3571	.7500	.1115	.7452	.6633					
.3801	-1.4926	.3444	1.3369	.8000	.1522	.7554	.6472					
.4199	-1.4947	.3438	1.3379	.8500	.1843	.7634	.6344					
.4600	-1.1059	.4410	1.1503	.9000	.2147	.7710	.6222					
.5000	-.7784	.5228	1.0110	.9500	.2115	.7702	.6235					
.5400	-.6235	.5615	.9487									
.5799	-.5277	.5855	.9110									
.6201	-.4785	.5978	.8917									
.6600	-.4551	.6036	.8826									
.7000	-.4188	.6127	.8685									
.7500	-.3318	.6344	.8349									
.8000	-.2242	.6613	.7935									
.8500	-.0885	.6952	.7412									
.9237	.0817	.7377	.6750									
.9749	.1610	.7576	.6437									

PT 4.3073 ATM
TT 119.7784 K
RC 15.0588 MILLION
MACH .7076
ALPHA 4.5416 DEG

CN .9831
CM -.0686
CC -.0249

CD2 .03811
CD3 .03644
CD4 .03767
CD5 .03875
CD6 .03935

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.9854	.9637	.2307	0.0000	.9854	.9637	.2307	.5000	.7401	-.6283	.5611	.9493
.0040	-.3528	.6299	.8419	.0040	1.0387	.9770	.1828	.5000	.5427	-.8136	.5149	1.0240
.0150	-.7504	.5307	.9982	.0080	.8815	.9378	.3047	.5000	.3454	-.8546	.5047	1.0409
.0250	-.7535	.5299	.9995	.0262	.6586	.8822	.4277	.5000	.1480	-.8752	.4995	1.0494
.0400	-1.1117	.4406	1.1511	.0500	.5483	.8546	.4798	.5000	-.1480	-.8898	.4959	1.0555
.0600	-1.2785	.3989	1.2277	.1000	.3810	.8129	.5531	.5000	-.5427	-.8567	.5041	1.0418
.0800	-1.4010	.3684	1.2874	.1500	.2870	.7895	.5921	.5000	-.7401	-.7022	.5427	.9788
.1000	-1.4488	.3565	1.3117	.2000	.2069	.7695	.6246					
.1400	-1.5130	.3404	1.3452	.2500	.1378	.7523	.6521					
.1799	-1.5876	.3218	1.3856	.3500	-.0031	.7171	.7073					
.2201	-1.5959	.3198	1.3902	.4500	-.1185	.6883	.7519					
.2600	-1.5747	.3250	1.3784	.5500	-.1103	.6904	.7487					
.3000	-1.5744	.3251	1.3783	.6500	.0089	.7201	.7026					
.3400	-1.5922	.3207	1.3881	.7500	.1115	.7457	.6625					
.3801	-1.5527	.3305	1.3665	.8000	.1503	.7554	.6472					
.4199	-1.5582	.3291	1.3694	.8500	.1814	.7631	.6348					
.4600	-1.2792	.3987	1.2281	.9000	.2094	.7701	.6236					
.5000	-.8873	.4965	1.0545	.9500	.2015	.7681	.6268					
.5400	-.7482	.5312	.9973									
.5799	-.6214	.5629	.9466									
.6201	-.5033	.5923	.9002									
.6600	-.4326	.6100	.8727									
.7000	-.3806	.6229	.8526									
.7500	-.2941	.6445	.8193									
.8000	-.1966	.6688	.7819									
.8500	-.0748	.6992	.7350									
.9237	.0750	.7366	.6768									
.9749	.1465	.7544	.6487									

PT 4.3074 ATM
TT 119.8155 K
RC 15.0664 MILLION
MACH .7086
ALPHA 5.0224 DEG

CN .9744
CM -.0632
CC -.0248

CD2 .04449
CD3 .04325
CD4 .04533
CD5 .04751
CD6 .04963

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.9596	.9567	.2525	0.0000	.9596	.9567	.2525	.5000	.7401	-.6426	.5549	.9593
.0040	-.4007	.6155	.8641	.0040	1.0538	.9804	.1687	.5000	.5427	-.8387	.5057	1.0392
.0150	-.7890	.5181	1.0187	.0080	.9042	.9429	.2916	.5000	.3454	-.8543	.5017	1.0457
.0250	-.7765	.5213	1.0135	.0262	.6738	.8851	.4220	.5000	.1480	-.8596	.5004	1.0479
.0400	-1.1308	.4324	1.1658	.0500	.5652	.8578	.4740	.5000	-.1480	-.8624	.4997	1.0491
.0600	-1.2989	.3902	1.2444	.1000	.3962	.8154	.5488	.5000	-.5427	-.8538	.5019	1.0455
.0800	-1.4178	.3604	1.3036	.1500	.2997	.7912	.5892	.5000	-.7401	-.7366	.5313	.9972
.1000	-1.4664	.3482	1.3287	.2000	.2173	.7706	.6229					
.1400	-1.5306	.3321	1.3630	.2500	.1463	.7527	.6513					
.1799	-1.6051	.3134	1.4044	.3500	.0021	.7166	.7081					
.2201	-1.6125	.3116	1.4086	.4500	-.1192	.6862	.7552					
.2600	-1.5895	.3173	1.3956	.5500	-.1181	.6864	.7548					
.3000	-1.5841	.3187	1.3925	.6500	-.0015	.7157	.7095					
.3400	-1.5970	.3154	1.3998	.7500	.0997	.7411	.6698					
.3801	-1.5142	.3362	1.3541	.8000	.1388	.7509	.6543					
.4199	-1.4008	.3647	1.2949	.8500	.1630	.7569	.6447					
.4600	-1.0698	.4477	1.1384	.9000	.1888	.7634	.6344					
.5000	-.8778	.4959	1.0556	.9500	.1695	.7586	.6421					
.5400	-.7652	.5241	1.0089									
.5799	-.6473	.5537	.9612									
.6201	-.5282	.5836	.9139									
.6600	-.4408	.6055	.8797									
.7000	-.3710	.6230	.8526									
.7500	-.2760	.6468	.8158									
.8000	-.1858	.6694	.7809									
.8500	-.0812	.6957	.7405									
.9237	.0456	.7275	.6911									
.9749	.1075	.7430	.6667									

PT 4.3168 ATM
 TT 119.7777 K
 RC 15.0872 MILLION
 MACH .7073
 ALPHA 6.0283 DEG

CN .8971
 CM -.0587
 CC -.0180

CD2 .06105
 CD3 .06218
 CD4 .06863
 CD5 .07015
 CD6 .06834

UPPER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	.9099	.9446	.2868
.0040	-.5210	.5868	.9088
.0150	-.9927	.4689	1.1014
.0250	-.8511	.5043	1.0415
.0400	-1.1857	.4206	1.1872
.0600	-1.3603	.3770	1.2703
.0800	-1.4771	.3478	1.3297
.1000	-1.5279	.3351	1.3566
.1400	-1.5431	.3313	1.3648
.1799	-1.4763	.3480	1.3292
.2201	-1.3956	.3682	1.2879
.2600	-1.3166	.3879	1.2489
.3000	-1.2196	.4122	1.2029
.3400	-1.1495	.4297	1.1707
.3801	-1.0383	.4575	1.1212
.4199	-.9701	.4745	1.0917
.4600	-.8664	.5005	1.0479
.5000	-.7612	.5268	1.0045
.5400	-.6898	.5446	.9757
.5799	-.6186	.5624	.9473
.6201	-.5478	.5801	.9193
.6600	-.4907	.5944	.8970
.7000	-.4324	.6090	.8742
.7500	-.3501	.6296	.8424
.8000	-.2646	.6510	.8094
.8500	-.1745	.6735	.7747
.9237	-.1315	.6842	.7582
.9749	-.0112	.7143	.7116

LOWER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	.9099	.9446	.2868
.0040	1.0784	.9868	.1383
.0080	.9477	.9541	.2604
.0262	.7018	.8926	.4068
.0500	.5980	.8666	.4576
.1000	.4291	.8244	.5335
.1500	.3286	.7993	.5759
.2000	.2384	.7767	.6129
.2500	.1649	.7583	.6424
.3500	.0062	.7187	.7049
.4500	-.1260	.6856	.7561
.5500	-.1347	.6834	.7594
.6500	-.0264	.7105	.7176
.7500	.0648	.7333	.6820
.8000	.0955	.7410	.6699
.8500	.1170	.7464	.6614
.9000	.1310	.7499	.6559
.9500	.0845	.7382	.6743

SPANWISE

X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6840	.5461	.9734
.5000	.5427	-.7735	.5237	1.0096
.5000	.3454	-.7597	.5272	1.0039
.5000	.1480	-.7494	.5297	.9998
.5000	-.1480	-.7572	.5278	1.0029
.5000	-.5427	-.7582	.5275	1.0033
.5000	-.7401	-.7295	.5347	.9917

PT 4.3168 ATM
 TT 119.8048 K
 RC 15.0352 MILLION
 MACH .7038
 ALPHA 7.0262 DEG

CN .8852
 CM -.0508
 CC -.0188

CD2 .07173
 CD3 .07169
 CD4 .07682
 CD5 .08300
 CD6 .08696

UPPER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	.8416	.9282	.3284
.0040	-.6447	.5587	.9533
.0150	-1.2834	.3998	1.2260
.0250	-.9974	.4709	1.0978
.0400	-1.2605	.4055	1.2152
.0600	-1.4179	.3664	1.2914
.0800	-1.5411	.3357	1.3552
.1000	-1.5827	.3254	1.3776
.1400	-1.5383	.3365	1.3536
.1799	-1.4473	.3591	1.3063
.2201	-1.3435	.3849	1.2548
.2600	-1.2373	.4113	1.2044
.3000	-1.1261	.4389	1.1540
.3400	-1.0490	.4581	1.1201
.3801	-.9378	.4858	1.0726
.4199	-.8656	.5037	1.0425
.4600	-.7763	.5259	1.0059
.5000	-.6976	.5455	.9743
.5400	-.6329	.5616	.9486
.5799	-.5727	.5765	.9250
.6201	-.5163	.5906	.9029
.6600	-.4691	.6023	.8846
.7000	-.4209	.6143	.8660
.7500	-.3658	.6280	.8448
.8000	-.2997	.6444	.8194
.8500	-.2389	.6596	.7962
.9237	-.1819	.6737	.7743
.9749	-.1041	.6931	.7445

LOWER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	.8416	.9282	.3284
.0040	1.0992	.9923	.1054
.0080	.9891	.9649	.2268
.0262	.7455	.9043	.3823
.0500	.6349	.8768	.4381
.1000	.4564	.8325	.5195
.1500	.3520	.8065	.5639
.2000	.2583	.7832	.6024
.2500	.1816	.7641	.6332
.3500	.0647	.7350	.6793
.4500	-.1247	.6880	.7524
.5500	-.1481	.6821	.7614
.6500	-.0496	.7066	.7236
.7500	.0366	.7281	.6902
.8000	.0629	.7346	.6800
.8500	.0751	.7376	.6752
.9000	.0867	.7405	.6706
.9500	.0248	.7251	.6948

SPANWISE

X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6908	.5472	.9716
.5000	.5427	-.7371	.5357	.9901
.5000	.3454	-.7222	.5394	.9842
.5000	.1480	-.7094	.5426	.9790
.5000	-.1480	-.7080	.5429	.9785
.5000	-.5427	-.7228	.5392	.9844
.5000	-.7401	-.7341	.5364	.9889

PT 3.8538 ATM
 TT 112.8159 K
 RC 15.0659 MILLION
 MACH .7334
 ALPHA -.9979 DEG

CN .2100
 CM -.0692
 CC .0112

CD2 .00861
 CD3 .00813
 CD4 .00835
 CD5 .00855
 CD6 .00826

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0786	.9831	.1564	0.0000	1.0786	.9831	.1564	.5000	-.7401	-.5269	.5604	.9508
.0040	.9015	.9365	.3082	.0040	-.2935	.6219	.8547	.5000	.5427	-.5507	.5542	.9608
.0150	.4212	.8100	.5582	.0080	-.4391	.5836	.9143	.5000	.3454	-.5524	.5537	.9615
.0250	.1939	.7502	.6557	.0262	-.2018	.6460	.8174	.5000	.1480	-.5562	.5527	.9631
.0400	-.0705	.6806	.7642	.0500	-.1458	.6608	.7947	.5000	-.1480	-.5680	.5496	.9681
.0600	-.2619	.6302	.8418	.1000	-.1836	.6508	.8100	.5000	-.5427	-.5514	.5540	.9611
.0800	-.3993	.5940	.8979	.1500	-.2015	.6461	.8173	.5000	-.7401	-.5336	.5587	.9536
.1000	-.4648	.5768	.9249	.2000	-.2307	.6384	.8291					
.1400	-.5196	.5623	.9478	.2500	-.2692	.6283	.8447					
.1799	-.5461	.5554	.9589	.3500	-.3790	.5994	.8896					
.2201	-.5325	.5589	.9532	.4500	-.4564	.5790	.9215					
.2600	-.5130	.5641	.9450	.5500	-.3452	.6083	.8757					
.3000	-.5033	.5666	.9410	.6500	-.1309	.6647	.7886					
.3400	-.5115	.5645	.9444	.7500	.0302	.7071	.7232					
.3801	-.5177	.5628	.9470	.8000	.0901	.7229	.6987					
.4199	-.5273	.5603	.9510	.8500	.1373	.7353	.6792					
.4600	-.5389	.5573	.9558	.9000	.1813	.7469	.6610					
.5000	-.5625	.5511	.9657	.9500	.1985	.7514	.6538					
.5400	-.5779	.5470	.9722									
.5799	-.5913	.5435	.9779									
.6201	-.5969	.5420	.9803									
.6600	-.5798	.5465	.9731									
.7000	-.5136	.5639	.9452									
.7500	-.3960	.5949	.8966									
.8000	-.2642	.6296	.8427									
.8500	-.1070	.6710	.7790									
.9237	.0874	.7222	.6998									
.9749	.1626	.7420	.6687									

PT 3.8537 ATM
 TT 112.8257 K
 RC 15.0586 MILLION
 MACH .7330
 ALPHA .0096 DEG

CN .3495
 CM -.0688
 CC .0098

CD2 .00883
 CD3 .00829
 CD4 .00840
 CD5 .00861
 CD6 .00818

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1349	.9982	.0506	0.0000	1.1349	.9982	.0506	.5000	.7401	-.5869	.5467	.9727
.0040	.7362	.8937	.4049	.0040	.1276	.7341	.6812	.5000	.5427	-.6089	.5409	.9820
.0150	.2299	.7609	.6387	.0080	-.0340	.6917	.7470	.5000	.3454	-.6106	.5405	.9827
.0250	.0302	.7085	.7210	.0262	.0240	.7069	.7235	.5000	.1480	-.6149	.5394	.9845
.0400	-.2669	.6306	.8411	.0500	.0226	.7065	.7241	.5000	-.1480	-.6288	.5357	.9904
.0600	-.4521	.5821	.9167	.1000	-.0510	.6872	.7539	.5000	-.5427	-.6101	.5406	.9825
.0800	-.5971	.5440	.9770	.1500	-.0902	.6770	.7698	.5000	-.7401	-.5918	.5454	.9748
.1000	-.6634	.5266	1.0051	.2000	-.1344	.6654	.7876					
.1400	-.7110	.5142	1.0255	.2500	-.1809	.6532	.8064					
.1799	-.7587	.5017	1.0462	.3500	-.3004	.6218	.8547					
.2201	-.6772	.5230	1.0110	.4500	-.3879	.5989	.8903					
.2600	-.6306	.5353	.9911	.5500	-.3024	.6213	.8555					
.3000	-.6044	.5421	.9801	.6500	-.1061	.6728	.7762					
.3400	-.6013	.5429	.9788	.7500	.0440	.7121	.7154					
.3801	-.5995	.5434	.9780	.8000	.0999	.7268	.6925					
.4199	-.6028	.5425	.9794	.8500	.1461	.7389	.6736					
.4600	-.6075	.5413	.9814	.9000	.1870	.7497	.6566					
.5000	-.6252	.5367	.9889	.9500	.1986	.7527	.6518					
.5400	-.6330	.5346	.9922									
.5799	-.6396	.5329	.9950									
.6201	-.6351	.5341	.9931									
.6600	-.6016	.5429	.9789									
.7000	-.5252	.5629	.9469									
.7500	-.3999	.5957	.8953									
.8000	-.2606	.6323	.8386									
.8500	-.1013	.6741	.7742									
.9237	.0887	.7239	.6971									
.9749	.1638	.7436	.6662									

PT 3.8540 ATM
 TT 112.8537 K
 RC 15.0741 MILLION
 MACH .7346
 ALPHA .9979 DEG

CN .5025
 CM -.0665
 CC .0045

CD2 .01004
 CD3 .00935
 CD4 .00958
 CD5 .00983
 CD6 .00948

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1358	.9980	.0539	0.0000	1.1358	.9980	.0539	.5000	-.7401	-.6249	.5329	.9950
.0040	.5396	.8405	.5057	.0040	.4548	.8181	.5446	.5000	.5427	-.6399	.5289	1.0015
.0150	.0357	.7074	.7228	.0080	.2706	.7694	.6251	.5000	.3454	-.6322	.5309	.9982
.0250	-.1360	.6620	.7928	.0262	.2223	.7567	.6455	.5000	.1480	-.6287	.5319	.9967
.0400	-.4508	.5788	.9217	.0500	.1799	.7455	.6633	.5000	-.1480	-.6409	.5286	1.0019
.0600	-.6206	.5340	.9932	.1000	.0684	.7160	.7094	.5000	-.5427	-.6404	.5287	1.0017
.0800	-.7624	.4965	1.0548	.1500	.0120	.7011	.7325	.5000	-.7401	-.6356	.5300	.9996
.1000	-.8545	.4722	1.0960	.2000	-.0435	.6864	.7552					
.1400	-.9338	.4512	1.1324	.2500	-.0977	.6721	.7772					
.1799	-.9948	.4351	1.1611	.3500	-.2259	.6383	.8293					
.2201	-1.0074	.4318	1.1671	.4500	-.3231	.6126	.8690					
.2600	-.9882	.4369	1.1580	.5500	-.2585	.6296	.8426					
.3000	-.9690	.4420	1.1489	.6500	-.0792	.6770	.7697					
.3400	-.8358	.4771	1.0876	.7500	.0603	.7139	.7127					
.3801	-.6174	.5348	.9918	.8000	.1126	.7277	.6912					
.4199	-.5771	.5455	.9747	.8500	.1565	.7393	.6730					
.4600	-.5073	.5402	.9833	.9000	.1946	.7493	.6571					
.5000	-.6362	.5299	.9999	.9500	.2012	.7511	.6543					
.5400	-.6552	.5249	1.0080									
.5799	-.6638	.5226	1.0118									
.6201	-.6553	.5248	1.0081									
.6600	-.6107	.5366	.9890									
.7000	-.5247	.5593	.9526									
.7500	-.3966	.5932	.8993									
.8000	-.2537	.6309	.8407									
.8500	-.0932	.6733	.7754									
.9237	.0904	.7218	.7003									
.9749	.1655	.7417	.6692									

PT 3.8496 ATM
 TT 112.8582 K
 RC 15.0698 MILLION
 MACH .7357
 ALPHA 2.0468 DEG

CN .6803
 CM -.0711
 CC -.0025

CD2 .01480
 CD3 .01403
 CD4 .01465
 CD5 .01494
 CD6 .01381

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1376	.9987	.0433	0.0000	1.1376	.9987	.0433	.5000	.7401	-.5653	.5506	.9665
.0040	.3170	.7827	.6035	.0040	.6971	.8828	.4268	.5000	.5427	-.5538	.5536	.9617
.0150	-.1656	.6558	.8024	.0080	.5037	.8319	.5208	.5000	.3454	-.6228	.5354	.9909
.0250	-.3023	.6198	.8579	.0262	.3772	.7986	.5774	.5000	.1480	-.7309	.5070	1.0374
.0400	-.6268	.5344	.9926	.0500	.3097	.7808	.6066	.5000	-.1480	-.7789	.4944	1.0584
.0600	-.8025	.4881	1.0689	.1000	.1744	.7452	.6636	.5000	-.5427	-.5590	.5522	.9639
.0800	-.9096	.4600	1.1172	.1500	.1039	.7267	.6927	.5000	-.7401	-.5593	.5521	.9640
.1000	-.9988	.4365	1.1587	.2000	.0404	.7100	.7188					
.1400	-1.0878	.4131	1.2014	.2500	-.0197	.6941	.7433					
.1799	-1.1700	.3914	1.2424	.3500	-.1521	.6593	.7969					
.2201	-1.1851	.3875	1.2500	.4500	-.2562	.6319	.8391					
.2600	-1.1737	.3905	1.2442	.5500	-.2106	.6439	.8206					
.3000	-1.1771	.3896	1.2460	.6500	-.0486	.6865	.7550					
.3400	-1.1840	.3877	1.2495	.7500	.0816	.7208	.7019					
.3801	-1.1621	.3935	1.2384	.8000	.1304	.7337	.6818					
.4199	-1.1627	.3934	1.2386	.8500	.1711	.7444	.6650					
.4600	-1.1341	.4009	1.2243	.9000	.2073	.7539	.6499					
.5000	-.8070	.4869	1.0709	.9500	.2118	.7551	.6480					
.5400	-.5533	.5537	.9615									
.5799	-.5171	.5632	.9464									
.6201	-.5222	.5619	.9485									
.6600	-.5229	.5617	.9488									
.7000	-.4749	.5743	.9288									
.7500	-.3701	.6019	.8856									
.8000	-.2418	.6357	.8333									
.8500	-.0905	.6755	.7720									
.9237	.0926	.7237	.6974									
.9749	.1724	.7447	.6644									

PT 3.8501 ATM
 TT 112.8158 K
 RC 15.0663 MILLION
 MACH .7346
 ALPHA 2.5152 DEG

CN .7580
 CM -.0747
 CC -.0058

CD2 .01960
 CD3 .01875
 CD4 .01945
 CD5 .01961
 CD6 .01785

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1315	.9973	.0625
.0040	.2050	.7542	.6493
.0150	-.2656	.6308	.8409
.0250	-.3830	.6000	.8886
.0400	-.7104	.5141	1.0257
.0600	-.8878	.4675	1.1040
.0800	-1.0031	.4373	1.1572
.1000	-1.0737	.4188	1.1909
.1400	-1.1542	.3977	1.2304
.1799	-1.2385	.3755	1.2734
.2201	-1.2545	.3713	1.2817
.2600	-1.2427	.3744	1.2756
.3000	-1.2480	.3731	1.2783
.3400	-1.2586	.3703	1.2839
.3801	-1.2354	.3764	1.2718
.4199	-1.2388	.3755	1.2735
.4600	-1.2296	.3779	1.2688
.5000	-1.2277	.3784	1.2678
.5400	-.7202	.5115	1.0299
.5799	-.5453	.5574	.9556
.6201	-.4852	.5732	.9306
.6600	-.4637	.5788	.9218
.7000	-.4249	.5890	.9058
.7500	-.3365	.6122	.8697
.8000	-.2224	.6421	.8234
.8500	-.0826	.6788	.7670
.9237	.0944	.7252	.6950
.9749	.1725	.7457	.6628

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1315	.9973	.0625
.0040	.7905	.9078	.3751
.0080	.5996	.8577	.4745
.0262	.4409	.8161	.5480
.0500	.3627	.7956	.5824
.1000	.2217	.7586	.6424
.1500	.1455	.7386	.6740
.2000	.0785	.7211	.7015
.2500	.0154	.7045	.7272
.3500	-.1179	.6695	.7812
.4500	-.2245	.6416	.8243
.5500	-.1885	.6510	.8097
.6500	-.0348	.6913	.7476
.7500	.0916	.7245	.6962
.8000	.1389	.7369	.6767
.8500	.1762	.7467	.6613
.9000	.2114	.7559	.6467
.9500	.2147	.7568	.6453

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5856	.5468
.5000	.5427	-.7088	.5145
.5000	.3454	-.9970	.4389
.5000	.1480	-1.1973	.3864
.5000	-.1480	-1.2326	.3771
.5000	-.5427	-.7526	.5030
.5000	-.7401	-.5969	.5439

PT 3.8504 ATM
 TT 112.8261 K
 RC 15.0698 MILLION
 MACH .7350
 ALPHA 2.9938 DEG

CN .8312
 CM -.0826
 CC -.0067

CD2 .02677
 CD3 .02568
 CD4 .02656
 CD5 .02677
 CD6 .02450

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1176	.9934	.0976
.0040	.1207	.7308	.6863
.0150	-.3353	.6107	.8720
.0250	-.4341	.5846	.9126
.0400	-.7739	.4951	1.0571
.0600	-.9459	.4498	1.1349
.0800	-1.0619	.4193	1.1899
.1000	-1.1226	.4033	1.2197
.1400	-1.1985	.3833	1.2581
.1799	-1.2823	.3612	1.3021
.2201	-1.3001	.3565	1.3117
.2600	-1.2892	.3594	1.3058
.3000	-1.2974	.3572	1.3103
.3400	-1.3118	.3535	1.3181
.3801	-1.2882	.3597	1.3053
.4199	-1.2974	.3573	1.3102
.4600	-1.2882	.3597	1.3053
.5000	-1.3368	.3469	1.3318
.5400	-1.2489	.3700	1.2844
.5799	-.7469	.5023	1.0452
.6201	-.5799	.5463	.9734
.6600	-.4724	.5746	.9284
.7000	-.3917	.5958	.8951
.7500	-.2892	.6228	.8532
.8000	-.1849	.6503	.8108
.8500	-.0643	.6821	.7619
.9237	.0898	.7226	.6990
.9749	.1592	.7409	.6704

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1176	.9934	.0976
.0040	.8560	.9245	.3376
.0080	.6670	.8747	.4425
.0262	.4915	.8285	.5268
.0500	.4077	.8064	.5644
.1000	.2586	.7671	.6288
.1500	.1784	.7460	.6624
.2000	.1080	.7274	.6915
.2500	.0428	.7103	.7183
.3500	-.0943	.6741	.7741
.4500	-.2050	.6450	.8190
.5500	-.1755	.6528	.8070
.6500	-.0278	.6917	.7471
.7500	.0940	.7237	.6973
.8000	.1396	.7358	.6785
.8500	.1751	.7451	.6638
.9000	.2079	.7538	.6501
.9500	.2062	.7533	.6508

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.9112	.4590
.5000	.5427	-1.2364	.3733
.5000	.3454	-1.3528	.3427
.5000	.1480	-1.3414	.3457
.5000	-.1480	-1.3458	.3445
.5000	-.5427	-1.3259	.3497
.5000	-.7401	-1.0226	.4296

PT 3.8506 ATM
 TT 112.8515 K
 RC 15.0731 MILLION
 MACH .7356
 ALPHA 3.4974 DEG

CN .8628
 CM -.0809
 CC -.0078

CD2 .03618
 CD3 .03526
 CD4 .03595
 CD5 .03567
 CD6 .03324

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0995	.9886	.1283	0.0000	1.0995	.9886	.1283	.5000	.7401	-.9557	.4475	1.1391
.0040	.0342	.7081	.7216	.0040	.9106	.9389	.3022	.5000	.5427	-1.2800	.3621	1.3004
.0150	-.4102	.5911	.9025	.0080	.7241	.8898	.4128	.5000	.3454	-1.3915	.3327	1.3619
.0250	-.4889	.5704	.9350	.0262	.5352	.8400	.5065	.5000	.1480	-1.3735	.3375	1.3517
.0400	-.8357	.4791	1.0843	.0500	.4404	.8151	.5497	.5000	-.1480	-1.3547	.3424	1.3412
.0600	-1.0007	.4356	1.1603	.1000	.2891	.7752	.6157	.5000	-.5427	-1.3410	.3460	1.3336
.0800	-1.1193	.4044	1.2177	.1500	.2041	.7529	.6515	.5000	-.7401	-1.1459	.3974	1.2310
.1000	-1.1766	.3893	1.2465	.2000	.1325	.7340	.6813					
.1400	-1.2473	.3707	1.2831	.2500	.0633	.7158	.7097					
.1799	-1.3312	.3486	1.3282	.3500	-.0756	.6792	.7663					
.2201	-1.3486	.3440	1.3378	.4500	-.1916	.6487	.8133					
.2600	-1.3347	.3477	1.3301	.5500	-.1717	.6539	.8053					
.3000	-1.3421	.3457	1.3342	.6500	-.0296	.6913	.7476					
.3400	-1.3617	.3406	1.3451	.7500	.0887	.7225	.6993					
.3801	-1.3358	.3474	1.3307	.8000	.1312	.7337	.6818					
.4199	-1.3476	.3443	1.3372	.8500	.1624	.7419	.6689					
.4600	-1.3343	.3478	1.3299	.9000	.1917	.7496	.6567					
.5000	-1.3616	.3406	1.3450	.9500	.1794	.7464	.6618					
.5400	-1.0520	.4221	1.1848									
.5799	-.7374	.5049	1.0408									
.6201	-.6144	.5373	.9878									
.6600	-.5027	.5667	.9408									
.7000	-.4009	.5936	.8987									
.7500	-.2798	.6254	.8491									
.8000	-.1743	.6532	.8063									
.8500	-.0729	.6799	.7652									
.9237	.0596	.7148	.7112									
.9749	.1102	.7281	.6905									

PT 3.8501 ATM
 TT 112.8113 K
 RC 15.0692 MILLION
 MACH .7348
 ALPHA 3.9917 DEG

CN .8344
 CM -.0694
 CC -.0070

CD2 .04495
 CD3 .04609
 CD4 .04753
 CD5 .04566
 CD6 .04139

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLDC	X/C	CP	P,L/PT	MLDC	X/C	Y/(B/2)	CP	P,L/PT	MLDC
0.0000	1.0835	.9845	.1497	0.0000	1.0835	.9845	.1497	.5000	.7401	-.7900	.4921	1.0622
.0040	-.0391	.6895	.7505	.0040	.9452	.9482	.2773	.5000	.5427	-.9367	.4535	1.1284
.0150	-.4677	.5768	.9249	.0080	.7653	.9009	.3898	.5000	.3454	-.9772	.4429	1.1472
.0250	-.5315	.5600	.9514	.0262	.5623	.8476	.4930	.5000	.1480	-.9463	.4510	1.1328
.0400	-.8810	.4682	1.1029	.0500	.4678	.8227	.5367	.5000	-.1480	-.9095	.4607	1.1159
.0600	-1.0458	.4249	1.1797	.1000	.3119	.7817	.6052	.5000	-.5427	-.9115	.4602	1.1168
.0800	-1.1681	.3927	1.2399	.1500	.2244	.7587	.6422	.5000	-.7401	-.8532	.4755	1.0904
.1000	-1.2199	.3791	1.2663	.2000	.1475	.7385	.6742					
.1400	-1.2890	.3609	1.3027	.2500	.0781	.7203	.7027					
.1799	-1.3697	.3397	1.3468	.3500	-.0686	.6817	.7624					
.2201	-1.3867	.3353	1.3564	.4500	-.1908	.6496	.8119					
.2600	-1.3709	.3394	1.3475	.5500	-.1777	.6530	.8066					
.3000	-1.3697	.3397	1.3468	.6500	-.0414	.6889	.7514					
.3400	-1.3919	.3339	1.3594	.7500	.0705	.7183	.7058					
.3801	-1.3109	.3552	1.3145	.8000	.1089	.7284	.6901					
.4199	-1.1991	.3846	1.2556	.8500	.1379	.7360	.6781					
.4600	-1.0358	.4275	1.1749	.9000	.1594	.7416	.6693					
.5000	-.9281	.4558	1.1244	.9500	.1266	.7330	.6828					
.5400	-.7685	.4978	1.0528									
.5799	-.6459	.5300	.9997									
.6201	-.5542	.5541	.9609									
.6600	-.4770	.5744	.9288									
.7000	-.3992	.5948	.8967									
.7500	-.3012	.6206	.8566									
.8000	-.2113	.6442	.8202									
.8500	-.1291	.6658	.7869									
.9237	-.0302	.6918	.7469									
.9749	.0242	.7061	.7247									

PT 3.8505 ATM
 TT 112.8581 K
 RC 15.0701 MILLION
 MACH .7354
 ALPHA 4.5416 DEG

CN .8049
 CM -.0622
 CC -.0048

CD2 .05299
 CD3 .05677
 CD4 .05911
 CD5 .05503
 CD6 .04881

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0719	.9814	.1644	0.0000	1.0719	.9814	.1644	.5000	.7401	-.7425	.5038	1.0427
.0040	-.0959	.6740	.7743	.0040	.9762	.9562	.2543	.5000	.5427	-.8243	.4822	1.0788
.0150	-.5124	.5644	.9446	.0080	.8036	.9108	.3687	.5000	.3454	-.8133	.4851	1.0740
.0250	-.5603	.5517	.9646	.0262	.5896	.8544	.4805	.5000	.1480	-.7872	.4920	1.0624
.0400	-.9108	.4595	1.1180	.0500	.4964	.8299	.5243	.5000	-.1480	-.7881	.4918	1.0628
.0600	-1.0745	.4164	1.1953	.1000	.3347	.7873	.5960	.5000	-.5427	-.8242	.4823	1.0788
.0800	-1.1972	.3841	1.2566	.1500	.2440	.7635	.6346	.5000	-.7401	-.8025	.4880	1.0692
.1000	-1.2469	.3710	1.2824	.2000	.1630	.7421	.6685					
.1400	-1.3152	.3530	1.3190	.2500	.0929	.7237	.6974					
.1799	-1.3956	.3318	1.3638	.3500	-.0608	.6832	.7601					
.2201	-1.4098	.3281	1.3719	.4500	-.1901	.6492	.8125					
.2600	-1.3693	.3388	1.3489	.5500	-.1836	.6509	.8099					
.3000	-1.2796	.3624	1.2998	.6500	-.0525	.6854	.7567					
.3400	-1.2357	.3740	1.2765	.7500	.0552	.7138	.7129					
.3801	-1.0727	.4169	1.1944	.8000	.0904	.7230	.6984					
.4199	-.9817	.4408	1.1509	.8500	.1152	.7295	.6882					
.4600	-.8744	.4691	1.1014	.9000	.1320	.7340	.6813					
.5000	-.7989	.4889	1.0675	.9500	.0843	.7214	.7010					
.5400	-.6784	.5206	1.0149									
.5799	-.6024	.5406	.9824									
.6201	-.5265	.5606	.9505									
.6600	-.4633	.5773	.9242									
.7000	-.4014	.5936	.8986									
.7500	-.3237	.6140	.8668									
.8000	-.2463	.6344	.8353									
.8500	-.1721	.6539	.8052									
.9237	-.1016	.6725	.7767									
.9749	-.0327	.6906	.7487									

PT 3.8499 ATM
 TT 112.8694 K
 RC 15.0545 MILLION
 MACH .7346
 ALPHA 5.0100 DEG

CN .7993
 CM -.0601
 CC -.0036

CD2 .05961
 CD3 .06401
 CD4 .06767
 CD5 .06374
 CD6 .05605

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0482	.9752	.1900	0.0000	1.0482	.9752	.1900	.5000	.7401	-.7297	.5079	1.0359
.0040	-.1675	.6557	.8025	.0040	1.0017	.9630	.2331	.5000	.5427	-.7894	.4922	1.0621
.0150	-.5791	.5475	.9715	.0080	.8342	.9190	.3502	.5000	.3454	-.7725	.4966	1.0547
.0250	-.6016	.5415	.9810	.0262	.6113	.8604	.4695	.5000	.1480	-.7439	.5041	1.0421
.0400	-.9535	.4490	1.1363	.0500	.5142	.8349	.5156	.5000	-.1480	-.7492	.5027	1.0444
.0600	-1.1160	.4063	1.2141	.1000	.3508	.7919	.5884	.5000	-.5427	-.7884	.4924	1.0616
.0800	-1.2384	.3741	1.2762	.1500	.2576	.7674	.6283	.5000	-.7401	-.7844	.4935	1.0599
.1000	-1.2865	.3615	1.3016	.2000	.1742	.7455	.6632					
.1400	-1.3532	.3439	1.3379	.2500	.1015	.7264	.6932					
.1799	-1.4341	.3227	1.3839	.3500	-.0559	.6850	.7574					
.2201	-1.4313	.3234	1.3822	.4500	-.1907	.6496	.8119					
.2600	-1.3118	.3548	1.3152	.5500	-.1924	.6491	.8126					
.3000	-1.1606	.3946	1.2363	.6500	-.0657	.6824	.7613					
.3400	-1.1085	.4083	1.2104	.7500	.0403	.7103	.7183					
.3801	-.9845	.4409	1.1508	.8000	.0739	.7191	.7045					
.4199	-.9192	.4581	1.1205	.8500	.0939	.7244	.6963					
.4600	-.8292	.4817	1.0798	.9000	.1090	.7283	.6901					
.5000	-.7614	.4995	1.0498	.9500	.0538	.7138	.7127					
.5400	-.6558	.5273	1.0041									
.5799	-.5985	.5423	.9797									
.6201	-.5279	.5609	.9500									
.6600	-.4724	.5755	.9270									
.7000	-.4150	.5906	.9033									
.7500	-.3447	.6091	.8745									
.8000	-.2774	.6268	.8471									
.8500	-.2146	.6433	.8216									
.9237	-.1499	.6603	.7954									
.9749	-.0791	.6789	.7667									

PT 3.8503 ATM
 TT 112.8399 K
 RC 15.0650 MILLION
 MACH .7348
 ALPHA 6.0181 DEG

CN .7952
 CM -.0591
 CC .0001

CD2 .07116
 CD3 .07292
 CD4 .07808
 CD5 .07980
 CD6 .07573

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0054	.9639	.2301	0.0000	1.0054	.9639	.2301	.5000	.7401	-.6920	.5175	1.0200
.0040	-.2879	.6238	.8516	.0040	1.0439	.9741	.1945	.5000	.5427	-.7172	.5109	1.0309
.0150	-.6732	.5225	1.0119	.0080	.8926	.9343	.3138	.5000	.3454	-.6980	.5160	1.0226
.0250	-.6748	.5221	1.0126	.0262	.6597	.8730	.4457	.5000	.1480	-.6860	.5191	1.0174
.0400	-1.0178	.4319	1.1670	.0500	.5603	.8469	.4942	.5000	-.1480	-.6944	.5169	1.0210
.0600	-1.1829	.3884	1.2482	.1000	.3875	.8015	.5727	.5000	-.5427	-.7159	.5112	1.0303
.0800	-1.3008	.3574	1.3099	.1500	.2896	.7757	.6149	.5000	-.7401	-.7303	.5075	1.0366
.1000	-1.3493	.3447	1.3364	.2000	.1991	.7519	.6530					
.1400	-1.4116	.3283	1.3715	.2500	.1247	.7323	.6839					
.1799	-1.4368	.3217	1.3861	.3500	-.0442	.6879	.7529					
.2201	-1.3250	.3511	1.3230	.4500	-.1898	.6496	.8118					
.2600	-1.1951	.3852	1.2544	.5500	-.2020	.6464	.8168					
.3000	-1.0806	.4153	1.1972	.6500	-.0850	.6772	.7694					
.3400	-.9929	.4384	1.1592	.7500	.0108	.7024	.7305					
.3801	-.8821	.4675	1.1040	.8000	.0403	.7101	.7185					
.4199	-.8316	.4808	1.0813	.8500	.0582	.7148	.7112					
.4600	-.7566	.5006	1.0481	.9000	.0688	.7176	.7069					
.5000	-.6901	.5180	1.0192	.9500	.0065	.7013	.7323					
.5400	-.6231	.5357	.9905									
.5799	-.5717	.5492	.9688									
.6201	-.5128	.5647	.9441									
.6600	-.4671	.5767	.9251									
.7000	-.4211	.5888	.9061									
.7500	-.3650	.6035	.8831									
.8000	-.3152	.6166	.8627									
.8500	-.2655	.6297	.8425									
.9237	-.3396	.6102	.8727									
.9749	-.1416	.6623	.7923									

PT 4.6473 ATM
 TT 128.7473 K
 RC 15.0658 MILLION
 MACH .7442
 ALPHA -.9979 DEG

CN .2190
 CM -.0718
 CC .0119

CD2 .00865
 CD3 .00842
 CD4 .00843
 CD5 .00861
 CD6 .00823

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0801	.9824	.1598	0.0000	1.0801	.9824	.1598	.5000	.7401	-.5358	.5497	.9671
.0040	.9108	.9370	.3064	.0040	-.2597	.6236	.8511	.5000	.5427	-.5599	.5432	.9774
.0150	.4270	.8075	.5618	.0080	-.4208	.5804	.9183	.5000	.3454	-.5633	.5423	.9789
.0250	.1983	.7462	.6612	.0262	-.1896	.6423	.8221	.5000	.1480	-.5690	.5408	.9814
.0400	-.0670	.6752	.7716	.0500	-.1354	.6569	.7998	.5000	-.1480	-.5807	.5376	.9864
.0600	-.2578	.6241	.8503	.1000	-.1795	.6450	.8180	.5000	-.5427	-.5634	.5423	.9789
.0800	-.3992	.5862	.9092	.1500	-.1986	.6399	.8258	.5000	-.7401	-.5430	.5477	.9701
.1000	-.4636	.5690	.9363	.2000	-.2321	.6310	.8397					
.1400	-.5324	.5506	.9656	.2500	-.2682	.6213	.8546					
.1799	-.5586	.5435	.9769	.3500	-.3836	.5904	.9027					
.2201	-.5447	.5473	.9709	.4500	-.4642	.5688	.9366					
.2600	-.5207	.5537	.9606	.5500	-.3442	.6010	.8962					
.3000	-.5139	.5555	.9577	.6500	-.1270	.6591	.7963					
.3400	-.5221	.5533	.9612	.7500	.0342	.7023	.7298					
.3801	-.5172	.5546	.9591	.8000	.0949	.7185	.7045					
.4199	-.5389	.5488	.9684	.8500	.1434	.7315	.6843					
.4600	-.5468	.5467	.9718	.9000	.1865	.7431	.6661					
.5000	-.5737	.5395	.9834	.9500	.2020	.7472	.6596					
.5400	-.5939	.5341	.9921									
.5799	-.6078	.5304	.9981									
.6201	-.6115	.5294	.9998									
.6600	-.5901	.5351	.9905									
.7000	-.5176	.5545	.9593									
.7500	-.3950	.5873	.9074									
.8000	-.2582	.6240	.8504									
.8500	-.1002	.6663	.7853									
.9237	.0900	.7172	.7066									
.9749	.1229	.7260	.6928									

PT 4.6471 ATM
 TT 128.9762 K
 RC 15.0209 MILLION
 MACH .7437
 ALPHA .0102 DEG

CN .3571
 CM -.0702
 CC .0102

CD2 .00881
 CD3 .00865
 CD4 .00872
 CD5 .00888
 CD6 .00846

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1368	.9973	.0622	0.0000	1.1368	.9973	.0622	.5000	.7401	-.5949	.5320	.9956
.0040	.7498	.8933	.4050	.0040	.1437	.7304	.6860	.5000	.5427	-.6205	.5251	1.0068
.0150	.2469	.7582	.6422	.0080	-.0205	.6863	.7544	.5000	.3454	-.6226	.5245	1.0077
.0250	.0454	.7040	.7271	.0262	.0392	.7024	.7297	.5000	.1480	-.6289	.5228	1.0105
.0400	-.2501	.6246	.8495	.0500	.0340	.7010	.7318	.5000	-.1480	-.6428	.5191	1.0166
.0600	-.4318	.5758	.9256	.1000	-.0450	.6797	.7646	.5000	-.5427	-.6234	.5243	1.0080
.0800	-.5813	.5356	.9897	.1500	-.0855	.6688	.7813	.5000	-.7401	-.6010	.5303	.9983
.1000	-.6488	.5175	1.0192	.2000	-.1312	.6566	.8002					
.1400	-.7130	.5002	1.0478	.2500	-.1776	.6441	.8194					
.1799	-.7858	.4807	1.0807	.3500	-.3010	.6109	.8707					
.2201	-.7538	.4893	1.0661	.4500	-.3933	.5861	.9093					
.2600	-.6506	.5170	1.0200	.5500	-.3022	.6106	.8712					
.3000	-.6016	.5302	.9985	.6500	-.1010	.6647	.7877					
.3400	-.5974	.5313	.9967	.7500	.0520	.7058	.7243					
.3801	-.5901	.5332	.9935	.8000	.1093	.7212	.7004					
.4199	-.6071	.5287	1.0009	.8500	.1539	.7332	.6817					
.4600	-.6095	.5280	1.0020	.9000	.1944	.7441	.6646					
.5000	-.6358	.5210	1.0135	.9500	.2050	.7469	.6601					
.5400	-.6497	.5172	1.0196									
.5799	-.6536	.5162	1.0214									
.6201	-.6491	.5174	1.0194									
.6600	-.6079	.5285	1.0013									
.7000	-.5175	.5528	.9621									
.7500	-.3883	.5875	.9072									
.8000	-.2480	.6252	.8486									
.8500	-.0897	.6677	.7831									
.9237	.0955	.7175	.7062									
.9749	.1442	.7306	.6858									

PT 4.6736 ATM
 TT 129.0144 K
 RC 15.0765 MILLION
 MACH .7419
 ALPHA 1.0285 DEG

CN .5205
 CM -.0689
 CC .0046

CD2 .01013
 CD3 .00988
 CD4 .01008
 CD5 .01024
 CD6 .00978

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1341	.9968	.0681	0.0000	1.1341	.9968	.0681	.5000	.7401	-.6266	.5250	1.0070
.0040	.5490	.8400	.5058	.0040	.4610	.8164	.5467	.5000	.5427	-.6179	.5273	1.0032
.0150	.0445	.7048	.7259	.0080	.2764	.7669	.6282	.5000	.3454	-.5838	.5364	.9883
.0250	-.1315	.6576	.7986	.0262	.2234	.7527	.6508	.5000	.1480	-.5662	.5412	.9807
.0400	-.4440	.5739	.9206	.0500	.1800	.7411	.6693	.5000	-.1480	-.5707	.5399	.9827
.0600	-.6064	.5304	.9981	.1000	.0693	.7114	.7156	.5000	-.5427	-.6052	.5307	.9976
.0800	-.7516	.4915	1.0624	.1500	.0114	.6959	.7396	.5000	-.7401	-.6272	.5248	1.0072
.1000	-.8351	.4691	1.1005	.2000	-.0446	.6809	.7627					
.1400	-.9319	.4432	1.1459	.2500	-.0990	.6663	.7852					
.1799	-.9955	.4261	1.1766	.3500	-.2282	.6317	.8385					
.2201	-1.0136	.4213	1.1855	.4500	-.3279	.6050	.8799					
.2600	-.9852	.4289	1.1716	.5500	-.2618	.6227	.8524					
.3000	-.9892	.4278	1.1736	.6500	-.0795	.6716	.7771					
.3400	-1.0016	.4245	1.1796	.7500	.0634	.7098	.7180					
.3801	-.9131	.4482	1.1370	.8000	.1170	.7242	.6957					
.4199	-.7369	.4954	1.0558	.8500	.1585	.7353	.6783					
.4600	-.5735	.5392	.9839	.9000	.1967	.7456	.6622					
.5000	-.5677	.5408	.9814	.9500	.2034	.7474	.6593					
.5400	-.6109	.5292	1.0001									
.5799	-.6417	.5209	1.0136									
.6201	-.6488	.5190	1.0167									
.6600	-.6127	.5287	1.0009									
.7000	-.5213	.5532	.9614									
.7500	-.3928	.5876	.9070									
.8000	-.2526	.6252	.8486									
.8500	-.0950	.6674	.7835									
.9237	.0895	.7169	.7072									
.9749	.1508	.7333	.6815									

PT 4.6741 ATM
 TT 129.0365 K
 RC 15.1364 MILLION
 MACH .7469
 ALPHA 2.0161 DEG

CN .7019
 CM -.0811
 CC .0002

CD2 .01826
 CD3 .01817
 CD4 .01865
 CD5 .01841
 CD6 .01550

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1374	.9972	.0631	0.0000	1.1374	.9972	.0631	.5000	.7401	-.8961	.4489	1.1358
.0040	.3663	.7893	.5919	.0040	.6868	.8757	.4399	.5000	.5427	-1.1236	.3875	1.2492
.0150	-.1216	.6577	.7984	.0080	.4949	.8240	.5339	.5000	.3454	-1.1979	.3675	1.2888
.0250	-.2663	.6187	.8586	.0262	.3731	.7911	.5889	.5000	.1480	-1.1901	.3696	1.2845
.0400	-.5847	.5328	.9941	.0500	.3067	.7732	.6181	.5000	-.1480	-1.1963	.3679	1.2879
.0600	-.7484	.4887	1.0670	.1000	.1728	.7371	.6755	.5000	-.5427	-1.1457	.3816	1.2608
.0800	-.8643	.4575	1.1207	.1500	.1021	.7180	.7053	.5000	-.7401	-.8931	.4497	1.1344
.1000	-.9476	.4350	1.1605	.2000	.0376	.7006	.7323					
.1400	-1.0496	.4075	1.2111	.2500	-.0224	.6845	.7572					
.1799	-1.1281	.3863	1.2515	.3500	-.1575	.6480	.8134					
.2201	-1.1483	.3809	1.2622	.4500	-.2642	.6193	.8578					
.2600	-1.1238	.3875	1.2493	.5500	-.2162	.6322	.8377					
.3000	-1.1469	.3813	1.2614	.6500	-.0495	.6772	.7685					
.3400	-1.1601	.3777	1.2684	.7500	.0842	.7132	.7128					
.3801	-1.1239	.3874	1.2493	.8000	.1346	.7268	.6916					
.4199	-1.1459	.3815	1.2609	.8500	.1739	.7374	.6750					
.4600	-1.1318	.3853	1.2535	.9000	.2097	.7471	.6598					
.5000	-1.1834	.3714	1.2809	.9500	.2124	.7478	.6587					
.5400	-1.1963	.3679	1.2879									
.5799	-.8015	.4744	1.0914									
.6201	-.5398	.5449	.9746									
.6600	-.4518	.5687	.9368									
.7000	-.3991	.5829	.9144									
.7500	-.3076	.6076	.8759									
.8000	-.2012	.6363	.8315									
.8500	-.0692	.6719	.7767									
.9237	.0955	.7163	.7081									
.9749	.1639	.7347	.6793									

PT 4.6467 ATM
 TT 128.9127 K
 RC 15.0760 MILLION
 MACH .7475
 ALPHA 2.5097 DEG

CN .7570
 CM -.0856
 CC .0004

CD2 .02541
 CD3 .02566
 CD4 .02579
 CD5 .02541
 CD6 .02113

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1367	.9968	.0681	0.0000	1.1367	.9968	.0681	.5000	.7401	-1.1655	.3736	1.2765
.0040	.2928	.7683	.6259	.0040	.7628	.8956	.4004	.5000	.5427	-1.2424	.3528	1.3188
.0150	-.1873	.6384	.8282	.0080	.5715	.8438	.4990	.5000	.3454	-1.2579	.3486	1.3275
.0250	-.3184	.6029	.8831	.0262	.4243	.8039	.5677	.5000	.1480	-1.2462	.3518	1.3209
.0400	-.6378	.5164	1.0209	.0500	.3490	.7836	.6013	.5000	-.1480	-1.2508	.3505	1.3235
.0600	-.8054	.4711	1.0971	.1000	.2111	.7462	.6611	.5000	-.5427	-1.2600	.3480	1.3287
.0800	-.9267	.4382	1.1547	.1500	.1350	.7256	.6935	.5000	-.7401	-1.1923	.3664	1.2910
.1000	-.9962	.4194	1.1889	.2000	.0672	.7073	.7220					
.1400	-1.0902	.3940	1.2367	.2500	.0039	.6901	.7485					
.1799	-1.1708	.3722	1.2793	.3500	-.1343	.6527	.8061					
.2201	-1.1913	.3666	1.2905	.4500	-.2467	.6223	.8530					
.2600	-1.1678	.3730	1.2778	.5500	-.2079	.6328	.8368					
.3000	-1.1936	.3660	1.2917	.6500	-.0469	.6764	.7697					
.3400	-1.2091	.3618	1.3002	.7500	.0829	.7115	.7154					
.3801	-1.1728	.3716	1.2804	.8000	.1309	.7245	.6952					
.4199	-1.1993	.3644	1.2949	.8500	.1664	.7341	.6802					
.4600	-1.1842	.3685	1.2866	.9000	.1983	.7428	.6666					
.5000	-1.2385	.3538	1.3166	.9500	.1926	.7412	.6691					
.5400	-1.2638	.3470	1.3308									
.5799	-.9655	.4277	1.1737									
.6201	-.6317	.5181	1.0182									
.6600	-.5051	.5524	.9627									
.7000	-.4083	.5786	.9212									
.7500	-.2857	.6118	.8694									
.8000	-.1759	.6415	.8234									
.8500	-.0663	.6711	.7778									
.9237	.0723	.7086	.7199									
.9749	.1279	.7237	.6965									

PT	4.6467	ATM	CN	.8037	
TT	128.9555	K	CM	-.0833	CD2 .03208
RC	15.0242	MILLION	CC	-.0022	CD3 .03283
MACH	.7438				CD4 .03206
ALPHA	2.9938	DEG			CD5 .03168
					CD6 .02734

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1227	.9936	.0956	0.0000	1.1227	.9936	.0956	.5000	.7401	-1.1715	.3782	1.2675
.0040	.1822	.7413	.6689	.0040	.8397	.9177	.3526	.5000	.5427	-1.3126	.3403	1.3450
.0150	-.2875	.6153	.8639	.0080	.6505	.8669	.4566	.5000	.3454	-1.3241	.3372	1.3516
.0250	-.3994	.5853	.9106	.0262	.4795	.8211	.5387	.5000	.1480	-1.3083	.3414	1.3426
.0400	-.7319	.4961	1.0547	.0500	.3940	.7981	.5774	.5000	-.1480	-1.3015	.3433	1.3387
.0600	-.8950	.4523	1.1297	.1000	.2505	.7596	.6399	.5000	-.5427	-1.3334	.3347	1.3569
.0800	-1.0179	.4194	1.1890	.1500	.1694	.7379	.6743	.5000	-.7401	-1.2139	.3668	1.2902
.1000	-1.0734	.4045	1.2167	.2000	.0986	.7189	.7040					
.1400	-1.1641	.3801	1.2636	.2500	.0331	.7013	.7313					
.1799	-1.2428	.3590	1.3059	.3500	-.1079	.6635	.7895					
.2201	-1.2627	.3537	1.3169	.4500	-.2229	.6326	.8371					
.2600	-1.2362	.3608	1.3023	.5500	-.1935	.6405	.8249					
.3000	-1.2621	.3538	1.3166	.6500	-.0419	.6812	.7623					
.3400	-1.2803	.3490	1.3267	.7500	.0820	.7144	.7109					
.3801	-1.2389	.3601	1.3038	.8000	.1272	.7266	.6920					
.4199	-1.2636	.3534	1.3174	.8500	.1598	.7353	.6783					
.4600	-1.2456	.3583	1.3074	.9000	.1883	.7429	.6663					
.5000	-1.2944	.3452	1.3347	.9500	.1748	.7393	.6720					
.5400	-1.1951	.3718	1.2801									
.5799	-.7745	.4847	1.0739									
.6201	-.6066	.5297	.9992									
.6600	-.5042	.5572	.9551									
.7000	-.4101	.5824	.9151									
.7500	-.2867	.6155	.8636									
.8000	-.1792	.6444	.8190									
.8500	-.0850	.6696	.7801									
.9237	.0440	.7042	.7267									
.9749	.0978	.7187	.7043									

PT	4.6465	ATM	CN	.7616	
TT	128.9930	K	CM	-.0692	CD2 .04426
RC	15.0421	MILLION	CC	-.0001	CD3 .04601
MACH	.7459				CD4 .04361
ALPHA	3.5029	DEG			CD5 .04043
					CD6 .03578

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1168	.9918	.1089	0.0000	1.1168	.9918	.1089	.5000	.7401	-.9760	.4280	1.1732
.0040	.1378	.7280	.6897	.0040	.8698	.9252	.3353	.5000	.5427	-1.0830	.3992	1.2268
.0150	-.3206	.6046	.8806	.0080	.6865	.8758	.4397	.5000	.3454	-1.0406	.4106	1.2052
.0250	-.4231	.5769	.9238	.0262	.5049	.8269	.5287	.5000	.1480	-.9334	.4395	1.1525
.0400	-.7621	.4856	1.0723	.0500	.4224	.8047	.5665	.5000	-.1480	-.8826	.4532	1.1282
.0600	-.9196	.4432	1.1459	.1000	.2675	.7630	.6346	.5000	-.5427	-.9861	.4253	1.1782
.0800	-1.0453	.4093	1.2076	.1500	.1836	.7403	.6704	.5000	-.7401	-.9535	.4341	1.1622
.1000	-1.0977	.3952	1.2343	.2000	.1087	.7202	.7020					
.1400	-1.1856	.3715	1.2806	.2500	.0419	.7022	.7299					
.1799	-1.2634	.3506	1.3233	.3500	-.1075	.6620	.7919					
.2201	-1.2841	.3450	1.3350	.4500	-.2313	.6286	.8433					
.2600	-1.2567	.3524	1.3196	.5500	-.2085	.6347	.8339					
.3000	-1.2798	.3462	1.3326	.6500	-.0615	.6743	.7728					
.3400	-1.3019	.3402	1.3452	.7500	.0562	.7061	.7239					
.3801	-1.2480	.3547	1.3148	.8000	.0970	.7170	.7069					
.4199	-1.1952	.3689	1.2858	.8500	.1255	.7247	.6949					
.4600	-1.0085	.4192	1.1892	.9000	.1454	.7301	.6865					
.5000	-.8929	.4504	1.1331	.9500	.1088	.7202	.7019					
.5400	-.7524	.4882	1.0679									
.5799	-.6313	.5209	1.0137									
.6201	-.5371	.5462	.9726									
.6600	-.4646	.5657	.9414									
.7000	-.3948	.5846	.9118									
.7500	-.3023	.6095	.8729									
.8000	-.2217	.6312	.8393									
.8500	-.1445	.6520	.8073									
.9237	-.0707	.6719	.7767									
.9749	.0165	.6953	.7405									

PT 4.6465 ATM
 TT 129.0356 K
 RC 15.0330 MILLION
 MACH .7457
 ALPHA 4.0222 DEG

CN .7531
 CM -.0625
 CC .0003

CD2 .05186
 CD3 .05660
 CD4 .05649
 CD5 .05048
 CD6 .04415

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1049	.9886	.1280	0.0000	1.1049	.9886	.1280	.5000	.7401	-.7694	.4843	1.0744
.0040	.0646	.7087	.7198	.0040	.9114	.9366	.3076	.5000	.5427	-.8576	.4606	1.1152
.0150	-.3821	.5885	.9056	.0080	.7308	.8880	.4158	.5000	.3454	-.8394	.4655	1.1067
.0250	-.4717	.5644	.9435	.0262	.5359	.8355	.5136	.5000	.1480	-.7885	.4792	1.0832
.0400	-.8104	.4733	1.0932	.0500	.4495	.8123	.5537	.5000	-.1480	-.7652	.4855	1.0725
.0600	-.9656	.4315	1.1668	.1000	.2904	.7695	.6241	.5000	-.5427	-.8400	.4653	1.1070
.0800	-1.0943	.3969	1.2311	.1500	.2033	.7460	.6615	.5000	-.7401	-.8145	.4722	1.0951
.1000	-1.1433	.3837	1.2565	.2000	.1250	.7250	.6945					
.1400	-1.2265	.3613	1.3012	.2500	.0562	.7065	.7233					
.1799	-1.3030	.3408	1.3440	.3500	-.0987	.6648	.7876					
.2201	-1.3233	.3353	1.3557	.4500	-.2287	.6298	.8414					
.2600	-1.2913	.3439	1.3373	.5500	-.2131	.6340	.8350					
.3000	-1.2927	.3435	1.3381	.6500	-.0714	.6721	.7763					
.3400	-1.2918	.3438	1.3376	.7500	.0417	.7026	.7293					
.3801	-1.1210	.3897	1.2449	.8000	.0799	.7128	.7134					
.4199	-.9921	.4244	1.1797	.8500	.1060	.7199	.7025					
.4600	-.8522	.4621	1.1127	.9000	.1222	.7242	.6957					
.5000	-.7755	.4827	1.0772	.9500	.0758	.7117	.7151					
.5400	-.6718	.5106	1.0305									
.5799	-.5907	.5324	.9948									
.6201	-.5139	.5531	.9616									
.6600	-.4554	.5688	.9366									
.7000	-.3964	.5847	.9116									
.7500	-.3202	.6052	.8796									
.8000	-.2520	.6236	.8511									
.8500	-.1819	.6424	.8220									
.9237	-.1253	.6576	.7986									
.9749	-.0215	.6856	.7556									

PT 4.6465 ATM
 TT 129.0027 K
 RC 15.0373 MILLION
 MACH .7456
 ALPHA 4.5147 DEG

CN .7509
 CM -.0593
 CC .0014

CD2 .05644
 CD3 .06372
 CD4 .06501
 CD5 .05852
 CD6 .05103

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0863	.9836	.1540	0.0000	1.0863	.9836	.1540	.5000	.7401	-.6932	.5046	1.0405
.0040	-.0030	.6903	.7482	.0040	.9479	.9463	.2820	.5000	.5427	-.7852	.4798	1.0821
.0150	-.4393	.5729	.9301	.0080	.7704	.8986	.3942	.5000	.3454	-.7724	.4832	1.0763
.0250	-.5099	.5539	.9603	.0262	.5627	.8426	.5011	.5000	.1480	-.7382	.4925	1.0607
.0400	-.8522	.4618	1.1132	.0500	.4709	.8179	.5441	.5000	-.1480	-.7130	.4992	1.0494
.0600	-1.0052	.4206	1.1867	.1000	.3113	.7750	.6153	.5000	-.5427	-.7780	.4817	1.0788
.0800	-1.1371	.3851	1.2539	.1500	.2202	.7504	.6545	.5000	-.7401	-.7715	.4835	1.0758
.1000	-1.1815	.3731	1.2774	.2000	.1397	.7288	.6886					
.1400	-1.2625	.3513	1.3218	.2500	.0676	.7094	.7188					
.1799	-1.3393	.3306	1.3658	.3500	-.0904	.6668	.7844					
.2201	-1.3582	.3256	1.3769	.4500	-.2271	.6300	.8411					
.2600	-1.3053	.3398	1.3461	.5500	-.2221	.6314	.8390					
.3000	-1.2377	.3580	1.3080	.6500	-.0842	.6685	.7819					
.3400	-1.2015	.3677	1.2883	.7500	.0282	.6988	.7352					
.3801	-.9970	.4228	1.1827	.8000	.0645	.7085	.7201					
.4199	-.9017	.4484	1.1365	.8500	.0856	.7142	.7113					
.4600	-.7949	.4772	1.0866	.9000	.0997	.7180	.7054					
.5000	-.7335	.4937	1.0586	.9500	.0456	.7034	.7280					
.5400	-.6425	.5182	1.0180									
.5799	-.5781	.5356	.9897									
.6201	-.5091	.5541	.9599									
.6600	-.4535	.5691	.9361									
.7000	-.3999	.5835	.9134									
.7500	-.3391	.5999	.8878									
.8000	-.2827	.6151	.8643									
.8500	-.2223	.6313	.8391									
.9237	-.1743	.6442	.8192									
.9749	-.0605	.6749	.7720									

PT 4.6470 ATM
 TT 129.0750 K
 RC 15.0463 MILLION
 MACH .7473
 ALPHA 5.0100 DEG

CN .7600
 CM -.0577
 CC .0008

CD2 .06437
 CD3 .07190
 CD4 .07420
 CD5 .06912
 CD6 .06093

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0657	.9785	.1764	0.0000	1.0657	.9785	.1764	.5000	.7401	-.6635	.5157	1.0220
.0040	-.0813	.6716	.7771	.0040	.9868	.9574	.2502	.5000	.5427	-.7506	.4924	1.0608
.0150	-.5088	.5571	.9551	.0080	.8175	.9121	.3651	.5000	.3454	-.7437	.4943	1.0577
.0250	-.5559	.5445	.9753	.0262	.5997	.8538	.4809	.5000	.1480	-.7128	.5026	1.0438
.0400	-.9037	.4515	1.1312	.0500	.5042	.8282	.5264	.5000	-.1480	-.7019	.5055	1.0390
.0600	-1.0527	.4116	1.2034	.1000	.3406	.7845	.5998	.5000	-.5427	-.7559	.4910	1.0632
.0800	-1.1869	.3756	1.2725	.1500	.2473	.7595	.6401	.5000	-.7401	-.7537	.4916	1.0622
.1000	-1.2269	.3649	1.2939	.2000	.1640	.7372	.6753					
.1400	-1.3062	.3437	1.3377	.2500	.0907	.7176	.7060					
.1799	-1.3840	.3229	1.3827	.3500	-.0715	.6742	.7731					
.2201	-1.3895	.3214	1.3860	.4500	-.2106	.6370	.8304					
.2600	-1.2692	.3536	1.3170	.5500	-.2108	.6369	.8305					
.3000	-1.1243	.3924	1.2397	.6500	-.0796	.6720	.7764					
.3400	-1.0678	.4075	1.2110	.7500	.0280	.7008	.7320					
.3801	-.9236	.4461	1.1406	.8000	.0624	.7100	.7178					
.4199	-.8628	.4624	1.1121	.8500	.0823	.7153	.7095					
.4600	-.7717	.4868	1.0703	.9000	.0949	.7187	.7043					
.5000	-.7115	.5029	1.0433	.9500	.0363	.7030	.7286					
.5400	-.6289	.5250	1.0069									
.5799	-.5727	.5400	.9825									
.6201	-.5070	.5576	.9543									
.6600	-.4561	.5712	.9328									
.7000	-.4026	.5856	.9102									
.7500	-.3465	.6006	.8868									
.8000	-.2926	.6150	.8643									
.8500	-.2446	.6279	.8445									
.9237	-.1901	.6424	.8220									
.9749	-.0769	.6727	.7753									

PT 3.7956 ATM
 TT 112.8766 K
 RC 15.0680 MILLION
 MACH .7532
 ALPHA -.9979 DEG

CN .2189
 CM -.0706
 CC .0115

CD2 .00865
 CD3 .00826
 CD4 .00841
 CD5 .00863
 CD6 .00820

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0852	.9824	.1597	0.0000	1.0852	.9824	.1597	.5000	.7401	-.5543	.5373	.9879
.0040	.9107	.9350	.3119	.0040	-.2726	.6138	.8672	.5000	.5427	-.5787	.5306	.9986
.0150	.4327	.8052	.5663	.0080	-.4283	.5715	.9333	.5000	.3454	-.5812	.5300	.9997
.0250	.2072	.7440	.6655	.0262	-.1926	.6355	.9336	.5000	.1480	-.5872	.5283	1.0023
.0400	-.0597	.6716	.7780	.0500	-.1408	.6495	.8119	.5000	-.1480	-.5987	.5252	1.0074
.0600	-.2519	.6194	.8585	.1000	-.1813	.6385	.8289	.5000	-.5427	-.5815	.5299	.9998
.0800	-.3942	.5807	.9187	.1500	-.2019	.6330	.8375	.5000	-.7401	-.5611	.5354	.9908
.1000	-.4655	.5614	.9493	.2000	-.2333	.6244	.8507					
.1400	-.5343	.5427	.9791	.2500	-.2742	.6133	.8679					
.1799	-.5701	.5330	.9948	.3500	-.3924	.5812	.9179					
.2201	-.5566	.5366	.9889	.4500	-.4806	.5573	.9558					
.2600	-.5355	.5424	.9797	.5500	-.3547	.5914	.9019					
.3000	-.5251	.5452	.9751	.6500	-.1306	.6523	.8077					
.3400	-.5326	.5431	.9784	.7500	.0325	.6966	.7395					
.3801	-.5399	.5412	.9816	.8000	.0925	.7129	.7142					
.4199	-.5514	.5380	.9866	.8500	.1409	.7260	.6937					
.4600	-.5650	.5344	.9926	.9000	.1845	.7379	.6752					
.5000	-.5938	.5265	1.0053	.9500	.2015	.7425	.6679					
.5400	-.6138	.5211	1.0141									
.5799	-.6306	.5165	1.0216									
.6201	-.6433	.5131	1.0273									
.6600	-.6111	.5218	1.0129									
.7000	-.5176	.5472	.9718									
.7500	-.3896	.5820	.9168									
.8000	-.2524	.6192	.8587									
.8500	-.0928	.6626	.7919									
.9237	.0942	.7133	.7135									
.9749	.1615	.7316	.6850									

PT 3.7822 ATM
 TT 112.8477 K
 RC 15.0237 MILLION
 MACH .7534
 ALPHA -.0102 DEG

CN .3478
 CM -.0694
 CC .0104

CD2 .00922
 CD3 .00871
 CD4 .00885
 CD5 .00899
 CD6 .00858

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1408	.9974	.0609	0.0000	1.1408	.9974	.0609	.5000	.7401	-.6081	.5220	1.0127
.0040	.7732	.8975	.3970	.0040	.0997	.7144	.7119	.5000	.5427	-.6352	.5146	1.0248
.0150	.2748	.7620	.6370	.0080	-.0620	.6704	.7798	.5000	.3454	-.6383	.5137	1.0262
.0250	.0796	.7089	.7203	.0262	.0174	.6920	.7465	.5000	.1480	-.6424	.5126	1.0280
.0400	-.2190	.6277	.8455	.0500	.0171	.6919	.7466	.5000	-.1480	-.6537	.5096	1.0331
.0600	-.4056	.5770	.9245	.1000	-.0584	.6714	.7783	.5000	-.5427	-.6413	.5130	1.0275
.0800	-.5539	.5367	.9888	.1500	-.0976	.6607	.7947	.5000	-.7401	-.6188	.5191	1.0175
.1000	-.6311	.5157	1.0229	.2000	-.1415	.6488	.8130					
.1400	-.6941	.4986	1.0513	.2500	-.1902	.6356	.8334					
.1799	-.7738	.4769	1.0879	.3500	-.3162	.6013	.8865					
.2201	-.7768	.4761	1.0893	.4500	-.4137	.5748	.9280					
.2600	-.7047	.4957	1.0561	.5500	-.3159	.6014	.8864					
.3000	-.6339	.5150	1.0242	.6500	-.1077	.6580	.7989					
.3400	-.5959	.5253	1.0073	.7500	.0470	.7001	.7341					
.3801	-.5902	.5268	1.0048	.8000	.1040	.7156	.7100					
.4199	-.6054	.5227	1.0115	.8500	.1504	.7282	.6904					
.4600	-.6180	.5193	1.0171	.9000	.1916	.7394	.6728					
.5000	-.6505	.5104	1.0316	.9500	.2034	.7426	.6678					
.5400	-.6671	.5059	1.0391									
.5799	-.6750	.5038	1.0427									
.6201	-.6797	.5025	1.0448									
.6600	-.6348	.5147	1.0246									
.7000	-.5099	.5487	.9695									
.7500	-.3788	.5843	.9131									
.8000	-.2401	.6220	.8544									
.8500	-.0845	.6643	.7892									
.9237	.0987	.7141	.7123									
.9749	.1659	.7324	.6838									

PT 3.7824 ATM
 TT 112.9083 K
 RC 15.0122 MILLION
 MACH .7534
 ALPHA 1.0488 DEG

CN .5300
 CM -.0702
 CC .0049

CD2 .01128
 CD3 .01049
 CD4 .01077
 CD5 .01089
 CD6 .00988

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1433	.9983	.0492	0.0000	1.1433	.9983	.0492	.5000	.7401	-.6015	.5255	1.0070
.0040	.5699	.8429	.5013	.0040	.4414	.8081	.5615	.5000	.5427	-.5696	.5341	.9930
.0150	.0740	.7085	.7210	.0080	.2625	.7596	.6408	.5000	.3454	-.5799	.5313	.9975
.0250	-.0990	.6616	.7933	.0262	.2178	.7475	.6600	.5000	.1480	-.6527	.5116	1.0298
.0400	-.4111	.5770	.9245	.0500	.1784	.7368	.6768	.5000	-.1480	-.6904	.5014	1.0467
.0600	-.5802	.5312	.9976	.1000	.0688	.7071	.7232	.5000	-.5427	-.5603	.5366	.9889
.0800	-.7207	.4931	1.0604	.1500	.0119	.6917	.7470	.5000	-.7401	-.6049	.5245	1.0085
.1000	-.8131	.4681	1.1030	.2000	-.0445	.6764	.7706					
.1400	-.9015	.4441	1.1450	.2500	-.0989	.6617	.7933					
.1799	-.9726	.4249	1.1796	.3500	-.2323	.6255	.8490					
.2201	-.9923	.4195	1.1895	.4500	-.3356	.5975	.8924					
.2600	-.9834	.4219	1.1850	.5500	-.2649	.6167	.8627					
.3000	-.9856	.4213	1.1861	.6500	-.0790	.6670	.7850					
.3400	-.9970	.4183	1.1918	.7500	.0629	.7055	.7256					
.3801	-.9802	.4228	1.1834	.8000	.1160	.7199	.7033					
.4199	-.9818	.4224	1.1842	.8500	.1613	.7322	.6841					
.4600	-.9092	.4421	1.1487	.9000	.1999	.7426	.6677					
.5000	-.7161	.4944	1.0584	.9500	.2067	.7445	.6648					
.5400	-.5571	.5375	.9875									
.5799	-.5490	.5397	.9840									
.6201	-.5809	.5310	.9979									
.6600	-.5803	.5312	.9977									
.7000	-.5013	.5526	.9632									
.7500	-.3778	.5861	.9103									
.8000	-.2385	.6238	.8516									
.8500	-.0835	.6658	.7868									
.9237	.0967	.7147	.7114									
.9749	.1697	.7345	.6805									

PT 3.7888 ATM
 TT 112.8284 K
 RC 15.0652 MILLION
 MACH .7544
 ALPHA 2.0264 DEG

CN .6999
 CM -.0866
 CC .0034

CD2 .02205
 CD3 .02086
 CD4 .02109
 CD5 .02061
 CD6 .01691

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1446	.9982	.0504
.0040	.3976	.7944	.5843
.0150	-.0807	.6639	.7898
.0250	-.2263	.6242	.8510
.0400	-.5431	.5378	.9870
.0600	-.7171	.4903	1.0652
.0800	-.8252	.4608	1.1156
.1000	-.9156	.4362	1.1592
.1400	-1.0097	.4105	1.2062
.1799	-1.0938	.3875	1.2498
.2201	-1.1140	.3820	1.2605
.2600	-1.1082	.3836	1.2574
.3000	-1.1194	.3806	1.2634
.3400	-1.1332	.3768	1.2708
.3801	-1.1187	.3808	1.2630
.4199	-1.1329	.3769	1.2707
.4600	-1.1299	.3777	1.2690
.5000	-1.1736	.3658	1.2928
.5400	-1.1988	.3589	1.3068
.5799	-1.1732	.3659	1.2926
.6201	-.6902	.4977	1.0529
.6600	-.5094	.5470	.9722
.7000	-.4081	.5746	.9283
.7500	-.2896	.6069	.8778
.8000	-.1773	.6376	.8304
.8500	-.0593	.6698	.7808
.9237	.0871	.7097	.7191
.9749	.1516	.7273	.6917

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1446	.9982	.0504
.0040	.6571	.8652	.4605
.0080	.4679	.8136	.5522
.0262	.3558	.7830	.6030
.0500	.2946	.7663	.6300
.1000	.1628	.7304	.6869
.1500	.0934	.7114	.7164
.2000	.0297	.6941	.7433
.2500	-.0313	.6774	.7690
.3500	-.1689	.6399	.8268
.4500	-.2804	.6095	.8739
.5500	-.2307	.6230	.8528
.6500	-.0590	.6699	.7806
.7500	.0754	.7065	.7241
.8000	.1249	.7200	.7031
.8500	.1649	.7310	.6860
.9000	.1998	.7405	.6711
.9500	.1994	.7404	.6713

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-1.0926	.3879
.5000	.5427	-1.1446	.3737
.5000	.3454	-1.1882	.3618
.5000	.1480	-1.1781	.3645
.5000	-.1480	-1.1818	.3636
.5000	-.5427	-1.1720	.3662
.5000	-.7401	-1.1283	.3782

PT 3.7891 ATM
 TT 112.8887 K
 RC 15.0370 MILLION
 MACH .7529
 ALPHA 2.5050 DEG

CN .7491
 CM -.0852
 CC .0011

CD2 .03013
 CD3 .02882
 CD4 .02860
 CD5 .02768
 CD6 .02253

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1424	.9981	.0524
.0040	.2947	.7684	.6266
.0150	-.1728	.6417	.8239
.0250	-.3136	.6036	.8830
.0400	-.6180	.5211	1.0141
.0600	-.7976	.4725	1.0955
.0800	-.9096	.4421	1.1485
.1000	-.9874	.4211	1.1866
.1400	-1.0713	.3983	1.2291
.1799	-1.1565	.3752	1.2739
.2201	-1.1765	.3698	1.2848
.2600	-1.1702	.3715	1.2813
.3000	-1.1810	.3686	1.2872
.3400	-1.1957	.3646	1.2952
.3801	-1.1788	.3692	1.2860
.4199	-1.1917	.3657	1.2930
.4600	-1.1867	.3671	1.2903
.5000	-1.2330	.3545	1.3159
.5400	-1.2494	.3501	1.3251
.5799	-.9995	.4178	1.1927
.6201	-.6415	.5148	1.0245
.6600	-.5092	.5506	.9664
.7000	-.4104	.5774	.9240
.7500	-.2858	.6112	.8712
.8000	-.1746	.6413	.8247
.8500	-.0648	.6710	.7789
.9237	.0690	.7073	.7229
.9749	.1276	.7232	.6982

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1424	.9981	.0524
.0040	.7466	.8909	.4106
.0080	.5571	.8395	.5073
.0262	.4149	.8010	.5734
.0500	.3449	.7820	.6046
.1000	.2058	.7443	.6650
.1500	.1317	.7243	.6965
.2000	.0639	.7059	.7250
.2500	.0007	.6888	.7515
.3500	-.1389	.6509	.8098
.4500	-.2528	.6201	.8574
.5500	-.2129	.6309	.8407
.6500	-.0507	.6748	.7730
.7500	.0778	.7096	.7192
.8000	.1246	.7223	.6995
.8500	.1619	.7324	.6837
.9000	.1938	.7411	.6701
.9500	.1862	.7390	.6734

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-1.1653	.3729
.5000	.5427	-1.2167	.3589
.5000	.3454	-1.2483	.3504
.5000	.1480	-1.2383	.3531
.5000	-.1480	-1.2427	.3519
.5000	-.5427	-1.2529	.3491
.5000	-.7401	-1.1947	.3649

PT 3.7888 ATM
 TT 112.8504 K
 RC 15.0379 MILLION
 MACH .7525
 ALPHA 3.0243 DEG

CN .7259
 CM -.0743
 CC .0038

CD2 .03974
 CD3 .03887
 CD4 .03758
 CD5 .03539
 CD6 .03038

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1388	.9967	.0684	0.0000	1.1388	.9967	.0684	.5000	-.7401	-1.1763	.3661	1.2922
.0040	.2472	.7539	.6499	.0040	.7905	.9019	.3878	.5000	.5427	-1.2534	.3451	1.3355
.0150	-.2189	.6269	.8468	.0080	.6011	.8503	.4881	.5000	.3454	-1.2624	.3426	1.3406
.0250	-.3308	.5964	.8941	.0262	.4441	.8075	.5625	.5000	.1480	-1.1626	.3698	1.2847
.0400	-.6540	.5084	1.0350	.0500	.3716	.7878	.5953	.5000	-.1480	-1.0431	.4024	1.2214
.0600	-.8315	.4600	1.1170	.1000	.2257	.7480	.6592	.5000	-.5427	-1.2359	.3499	1.3255
.0800	-.9486	.4281	1.1737	.1500	.1473	.7267	.6927	.5000	-.7401	-1.2079	.3575	1.3097
.1000	-1.0145	.4102	1.2068	.2000	.0756	.7071	.7231					
.1400	-1.0964	.3879	1.2492	.2500	.0097	.6892	.7509					
.1799	-1.1824	.3644	1.2955	.3500	-.1372	.6492	.8125					
.2201	-1.2027	.3589	1.3068	.4500	-.2617	.6152	.8649					
.2600	-1.1976	.3603	1.3040	.5500	-.2314	.6235	.8521					
.3000	-1.2081	.3574	1.3098	.6500	-.0732	.6666	.7857					
.3400	-1.2264	.3525	1.3201	.7500	.0489	.6998	.7344					
.3801	-1.2073	.3577	1.3094	.8000	.0905	.7112	.7168					
.4199	-1.2180	.3547	1.3154	.8500	.1227	.7200	.7032					
.4600	-1.1749	.3665	1.2914	.9000	.1442	.7258	.6941					
.5000	-1.0676	.3957	1.2341	.9500	.1111	.7168	.7081					
.5400	-.8551	.4536	1.1282									
.5799	-.6509	.5092	1.0336									
.6201	-.5412	.5391	.9849									
.6600	-.4649	.5599	.9516									
.7000	-.3927	.5796	.9205									
.7500	-.2918	.6070	.8776									
.8000	-.2102	.6293	.8432									
.8500	-.1371	.6492	.8125									
.9237	-.0570	.6710	.7789									
.9749	-.0032	.6857	.7563									

PT 3.7888 ATM
 TT 112.8665 K
 RC 15.0528 MILLION
 MACH .7540
 ALPHA 3.5233 DEG

CN .7394
 CM -.0692
 CC .0029

CD2 .04848
 CD3 .04906
 CD4 .04808
 CD5 .04382
 CD6 .03862

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1280	.9943	.0907	0.0000	1.1280	.9943	.0907	.5000	.7401	-1.0155	.4142	1.1994
.0040	.1577	.7317	.6849	.0040	.8536	.9200	.3479	.5000	.5427	-1.0562	.4031	1.2200
.0150	-.2972	.6086	.8752	.0080	.6696	.8702	.4511	.5000	.3454	-.9894	.4212	1.1863
.0250	-.4024	.5801	.9197	.0262	.4899	.8216	.5386	.5000	.1480	-.8824	.4502	1.1343
.0400	-.7272	.4922	1.0620	.0500	.4088	.7996	.5757	.5000	-.1480	-.8291	.4646	1.1090
.0600	-.8977	.4460	1.1416	.1000	.2599	.7593	.6412	.5000	-.5427	-.9441	.4335	1.1640
.0800	-1.0142	.4145	1.1987	.1500	.1771	.7369	.6767	.5000	-.7401	-.9791	.4240	1.1812
.1000	-1.0762	.3977	1.2302	.2000	.1026	.7168	.7082					
.1400	-1.1518	.3773	1.2699	.2500	.0341	.6982	.7369					
.1799	-1.2378	.3540	1.3169	.3500	-.1157	.6577	.7994					
.2201	-1.2577	.3486	1.3281	.4500	-.2437	.6230	.8528					
.2600	-1.2487	.3511	1.3230	.5500	-.2235	.6285	.8444					
.3000	-1.2566	.3489	1.3275	.6500	-.0730	.6692	.7816					
.3400	-1.2776	.3432	1.3394	.7500	.0452	.7012	.7323					
.3801	-1.2381	.3539	1.3171	.8000	.0845	.7119	.7158					
.4199	-1.1469	.3786	1.2673	.8500	.1128	.7195	.7038					
.4600	-.9503	.4318	1.1670	.9000	.1320	.7247	.6958					
.5000	-.8404	.4615	1.1144	.9500	.0901	.7134	.7134					
.5400	-.7195	.4943	1.0585									
.5799	-.6110	.5236	1.0100									
.6201	-.5220	.5477	.9711									
.6600	-.4566	.5654	.9428									
.7000	-.3917	.5830	.9152									
.7500	-.3037	.6068	.8780									
.8000	-.2309	.6265	.8474									
.8500	-.1741	.6419	.8237									
.9237	-.1087	.6596	.7965									
.9749	-.0464	.6764	.7705									

PT 3.7886 ATM
 TT 112.9409 K
 RC 14.9903 MILLION
 MACH .7501
 ALPHA 3.9917 DEG

CN .7412
 CM -.0641
 CC .0027

CD2 .05375
 CD3 .05611
 CD4 .05620
 CD5 .05136
 CD6 .04466

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1113	.9898	.1213
.0040	.0859	.7124	.7149
.0150	-.3552	.5931	.8993
.0250	-.4381	.5707	.9344
.0400	-.7769	.4791	1.0842
.0600	-.9429	.4342	1.1628
.0800	-1.0620	.4020	1.2222
.1000	-1.1192	.3865	1.2519
.1400	-1.1911	.3671	1.2903
.1799	-1.2761	.3440	1.3377
.2201	-1.2957	.3388	1.3489
.2600	-1.2821	.3424	1.3411
.3000	-1.2786	.3434	1.3391
.3400	-1.2928	.3395	1.3472
.3801	-1.1486	.3785	1.2674
.4199	-.9864	.4224	1.1841
.4600	-.8471	.4601	1.1169
.5000	-.7719	.4804	1.0819
.5400	-.6663	.5090	1.0340
.5799	-.5821	.5318	.9968
.6201	-.5057	.5524	.9635
.6600	-.4467	.5684	.9381
.7000	-.3874	.5844	.9129
.7500	-.3138	.6043	.8818
.8000	-.2528	.6208	.8562
.8500	-.2116	.6320	.8390
.9237	-.1316	.6536	.8056
.9749	-.0818	.6671	.7849

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1113	.9898	.1213
.0040	.8981	.9321	.3191
.0080	.7148	.8826	.4272
.0262	.5237	.8309	.5225
.0500	.4345	.8067	.5638
.1000	.2842	.7661	.6304
.1500	.1975	.7426	.6677
.2000	.1204	.7218	.7003
.2500	.0497	.7027	.7300
.3500	-.1030	.6614	.7937
.4500	-.2365	.6252	.8494
.5500	-.2249	.6284	.8445
.6500	-.0798	.6676	.7841
.7500	.0363	.6990	.7357
.8000	.0733	.7090	.7201
.8500	.0973	.7155	.7101
.9000	.1144	.7201	.7029
.9500	.0647	.7067	.7238

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.8615	.4562	1.1237
.5000	.5427	-.8889	.4488	1.1367
.5000	.3454	-.8394	.4622	1.1133
.5000	.1480	-.7827	.4775	1.0869
.5000	-.1480	-.7462	.4874	1.0701
.5000	-.5427	-.8215	.4670	1.1049
.5000	-.7401	-.8302	.4647	1.1089

PT 3.7889 ATM
 TT 112.9124 K
 RC 15.0254 MILLION
 MACH .7524
 ALPHA 4.5212 DEG

CN .7303
 CM -.0584
 CC .0045

CD2 .05952
 CD3 .06242
 CD4 .06547
 CD5 .06216
 CD6 .05476

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1033	.9875	.1343
.0040	.0313	.6971	.7386
.0150	-.4020	.5798	.9202
.0250	-.4701	.5613	.9494
.0400	-.8106	.4691	1.1013
.0600	-.9757	.4243	1.1807
.0800	-1.0974	.3914	1.2424
.1000	-1.1500	.3771	1.2702
.1400	-1.2212	.3578	1.3090
.1799	-1.3042	.3354	1.3562
.2201	-1.3233	.3302	1.3674
.2600	-1.3049	.3352	1.3566
.3000	-1.2581	.3479	1.3297
.3400	-1.2177	.3588	1.3071
.3801	-1.0160	.4134	1.2007
.4199	-.8610	.4500	1.1346
.4600	-.7618	.4823	1.0787
.5000	-.6926	.5010	1.0472
.5400	-.6133	.5225	1.0118
.5799	-.5550	.5383	.9862
.6201	-.4931	.5551	.9593
.6600	-.4420	.5689	.9373
.7000	-.3910	.5827	.9156
.7500	-.3358	.5977	.8922
.8000	-.2849	.6115	.8707
.8500	-.2420	.6231	.8527
.9237	-.1910	.6369	.8314
.9749	-.1313	.6531	.8065

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1033	.9875	.1343
.0040	.9315	.9410	.2967
.0080	.7527	.8925	.4072
.0262	.5512	.8380	.5101
.0500	.4616	.8137	.5521
.1000	.3038	.7709	.6226
.1500	.2143	.7467	.6612
.2000	.1332	.7247	.6957
.2500	.0607	.7051	.7263
.3500	-.1000	.6616	.7934
.4500	-.2413	.6233	.8524
.5500	-.2375	.6243	.8509
.6500	-.0968	.6624	.7921
.7500	.0107	.6915	.7472
.8000	.0480	.7016	.7316
.8500	.0704	.7077	.7222
.9000	.0837	.7113	.7166
.9500	.0280	.6962	.7400

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.7518	.4850	1.0742
.5000	.5427	-.7555	.4840	1.0758
.5000	.3454	-.7185	.4940	1.0590
.5000	.1480	-.6914	.5013	1.0467
.5000	-.1480	-.6773	.5052	1.0403
.5000	-.5427	-.7407	.4880	1.0691
.5000	-.7401	-.7625	.4821	1.0791

PT 3.7889 ATM
 TT 112.8848 K
 RC 15.0485 MILLION
 MACH .7539
 ALPHA 5.0303 DEG

CN .7311
 CM -.0548
 CC .0045

CD2 .06293
 CD3 .06453
 CD4 .06860
 CD5 .06893
 CD6 .06407

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0841	.9824	.1600
.0040	-.0409	.6778	.7685
.0150	-.4603	.5642	.9448
.0250	-.5104	.5506	.9664
.0400	-.8525	.4580	1.1205
.0600	-1.0162	.4137	1.2003
.0800	-1.1389	.3805	1.2637
.1000	-1.1890	.3669	1.2906
.1400	-1.2587	.3480	1.3294
.1799	-1.3411	.3257	1.3772
.2201	-1.3540	.3222	1.3849
.2600	-1.3061	.3352	1.3566
.3000	-1.1989	.3642	1.2960
.3400	-1.0622	.4012	1.2236
.3801	-.9201	.4397	1.1529
.4199	-.8343	.4629	1.1120
.4600	-.7430	.4876	1.0697
.5000	-.6720	.5069	1.0375
.5400	-.5978	.5270	1.0046
.5799	-.5485	.5403	.9830
.6201	-.4920	.5556	.9585
.6600	-.4441	.5686	.9379
.7000	-.3995	.5807	.9188
.7500	-.3449	.5954	.8957
.8000	-.3019	.6071	.8776
.8500	-.2620	.6179	.8608
.9237	-.2167	.6318	.8393
.9749	-.1497	.6483	.8139

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0841	.9824	.1600
.0040	.9658	.9503	.2714
.0080	.7931	.9036	.3842
.0262	.5817	.8463	.4952
.0500	.4889	.8212	.5393
.1000	.3269	.7773	.6123
.1500	.2333	.7520	.6529
.2000	.1496	.7293	.6886
.2500	.0751	.7091	.7200
.3500	-.0888	.6648	.7885
.4500	-.2358	.6250	.8498
.5500	-.2402	.6238	.8517
.6500	-.1049	.6604	.7952
.7500	.0039	.6899	.7498
.8000	.0375	.6990	.7358
.8500	.0550	.7037	.7284
.9000	.0684	.7074	.7228
.9500	.0110	.6918	.7468

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.6891	.5022
.5000	.5427	-.7012	.4990
.5000	.3454	-.6707	.5072
.5000	.1480	-.6551	.5114
.5000	-.1480	-.6707	.5072
.5000	-.5427	-.7059	.4977
.5000	-.7401	-.7262	.4922

PT 4.2278 ATM
 TT 122.0317 K
 RC 15.0813 MILLION
 MACH .7647
 ALPHA -.9572 DEG

CN .2647
 CM -.0688
 CC .0112

CD2 .00890
 CD3 .00881
 CD4 .00894
 CD5 .00904
 CD6 .00852

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1175	.9896	.1221
.0040	.8917	.9270	.3311
.0150	.3822	.7858	.5980
.0250	.1669	.7261	.6930
.0400	-.0918	.6544	.8039
.0600	-.2976	.5974	.8921
.0800	-.4826	.5461	.9731
.1000	-.5264	.5339	.9927
.1400	-.5979	.5141	1.0250
.1799	-.6711	.4938	1.0587
.2201	-.6551	.4983	1.0513
.2600	-.6010	.5133	1.0264
.3000	-.5757	.5203	1.0149
.3400	-.5737	.5208	1.0140
.3801	-.5813	.5187	1.0175
.4199	-.5955	.5148	1.0239
.4600	-.6083	.5112	1.0298
.5000	-.6400	.5025	1.0443
.5400	-.6613	.4966	1.0542
.5799	-.6871	.4894	1.0662
.6201	-.7052	.4844	1.0747
.6600	-.6751	.4927	1.0606
.7000	-.5231	.5349	.9912
.7500	-.3692	.5775	.9232
.8000	-.2360	.6144	.8656
.8500	-.0772	.6585	.7976
.9237	.1055	.7091	.7195
.9749	.1874	.7318	.6841

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1175	.9896	.1221
.0040	-.1041	.6510	.8091
.0080	-.3035	.5957	.8947
.0262	-.1183	.6471	.8152
.0500	-.0903	.6548	.8032
.1000	-.1425	.6404	.8255
.1500	-.1712	.6324	.8378
.2000	-.2097	.6217	.8543
.2500	-.2530	.6097	.8729
.3500	-.3830	.5737	.9292
.4500	-.4918	.5435	.9772
.5500	-.3589	.5804	.9187
.6500	-.1299	.6439	.8201
.7500	.0346	.6895	.7499
.8000	.0950	.7062	.7240
.8500	.1422	.7193	.7037
.9000	.1831	.7306	.6860
.9500	.1950	.7339	.6808

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5880	.5169
.5000	.5427	-.6140	.5097
.5000	.3454	-.6249	.5066
.5000	.1480	-.6392	.5027
.5000	-.1480	-.6391	.5027
.5000	-.5427	-.6280	.5058
.5000	-.7401	-.5995	.5137

PT 4.2241 ATM
 TT 121.8010 K
 RC 15.1082 MILLION
 MACH .7645
 ALPHA -.4888 DEG

CN .3012
 CM -.0687
 CC .0110

CD2 .00895
 CD3 .00876
 CD4 .00907
 CD5 .00915
 CD6 .00858

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1281	.9927	.1027	0.0000	1.1281	.9927	.1027	.5000	.7401	-.6040	.5130	1.0268
.0040	.8536	.9167	.3552	.0040	-.0158	.6759	.7708	.5000	.5427	-.6322	.5052	1.0397
.0150	.3405	.7746	.6162	.0080	-.2033	.6240	.8508	.5000	.3454	-.6444	.5018	1.0454
.0250	.1262	.7152	.7100	.0262	-.0650	.6623	.7918	.5000	.1480	-.6569	.4984	1.0511
.0400	-.1365	.6425	.8222	.0500	-.0474	.6672	.7843	.5000	-.1480	-.6553	.4988	1.0504
.0600	-.3374	.5869	.9085	.1000	-.1098	.6499	.8109	.5000	-.5427	-.6460	.5014	1.0461
.0800	-.5257	.5347	.9914	.1500	-.1434	.6406	.8252	.5000	-.7401	-.6176	.5093	1.0330
.1000	-.5658	.5236	1.0095	.2000	-.1865	.6287	.8436					
.1400	-.6364	.5041	1.0417	.2500	-.2300	.6166	.8622					
.1799	-.7156	.4821	1.0785	.3500	-.3625	.5799	.9194					
.2201	-.7297	.4782	1.0851	.4500	-.4710	.5499	.9671					
.2600	-.6931	.4884	1.0680	.5500	-.3482	.5839	.9132					
.3000	-.6114	.5110	1.0302	.6500	-.1248	.6457	.8172					
.3400	-.5749	.5211	1.0136	.7500	.0358	.6902	.7488					
.3801	-.5888	.5173	1.0199	.8000	.0951	.7066	.7234					
.4199	-.6124	.5107	1.0307	.8500	.1429	.7199	.7028					
.4600	-.6258	.5070	1.0368	.9000	.1829	.7309	.6855					
.5000	-.6573	.4983	1.0513	.9500	.1921	.7335	.6816					
.5400	-.6805	.4919	1.0621									
.5799	-.7063	.4847	1.0741									
.6201	-.7161	.4820	1.0787									
.6600	-.6737	.4938	1.0589									
.7000	-.5205	.5362	.9891									
.7500	-.3698	.5779	.9226									
.8000	-.2348	.6153	.8643									
.8500	-.0763	.6592	.7966									
.9237	.1032	.7089	.7159									
.9749	.1829	.7309	.6856									

PT 4.2241 ATM
 TT 121.6960 K
 RC 15.1415 MILLION
 MACH .7657
 ALPHA .0409 DEG

CN .3448
 CM -.0685
 CC .0102

CD2 .00923
 CD3 .00912
 CD4 .00927
 CD5 .00938
 CD6 .00881

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1453	.9974	.0610	0.0000	1.1453	.9974	.0610	.5000	.7401	-.6176	.5090	1.0335
.0040	.8090	.9043	.3824	.0040	.0843	.7035	.7283	.5000	.5427	-.6435	.5019	1.0453
.0150	.2937	.7615	.6373	.0080	-.0924	.6545	.8037	.5000	.3454	-.6495	.5002	1.0481
.0250	.0820	.7028	.7292	.0262	-.0085	.6778	.7679	.5000	.1480	-.6542	.4989	1.0503
.0400	-.1876	.6281	.8444	.0500	.0026	.6808	.7632	.5000	-.1480	-.6500	.5001	1.0483
.0600	-.3787	.5752	.9268	.1000	-.0701	.6607	.7942	.5000	-.5427	-.6537	.4990	1.0500
.0800	-.5698	.5223	1.0117	.1500	-.1093	.6498	.8109	.5000	-.7401	-.6299	.5056	1.0391
.1000	-.6067	.5120	1.0285	.2000	-.1548	.6372	.8304					
.1400	-.6828	.4910	1.0636	.2500	-.2015	.6243	.8503					
.1799	-.7544	.4711	1.0973	.3500	-.3336	.5877	.9072					
.2201	-.7828	.4632	1.1109	.4500	-.4435	.5573	.9553					
.2600	-.7674	.4675	1.1035	.5500	-.3338	.5876	.9073					
.3000	-.7601	.4695	1.1000	.6500	-.1150	.6483	.8134					
.3400	-.6998	.4863	1.0715	.7500	.0443	.6924	.7454					
.3801	-.5790	.5197	1.0159	.8000	.1025	.7085	.7204					
.4199	-.5702	.5222	1.0119	.8500	.1479	.7211	.7009					
.4600	-.6019	.5134	1.0263	.9000	.1871	.7319	.6839					
.5000	-.6526	.4993	1.0496	.9500	.1966	.7346	.6798					
.5400	-.6884	.4894	1.0661									
.5799	-.7211	.4804	1.0815									
.6201	-.7310	.4776	1.0862									
.6600	-.6820	.4912	1.0632									
.7000	-.5112	.5385	.9853									
.7500	-.3628	.5796	.9199									
.8000	-.2299	.6164	.8625									
.8500	-.0731	.6599	.7955									
.9237	.1076	.7099	.7182									
.9749	.1846	.7313	.6850									

PT 4.3174 ATM
 TT 123.9448 K
 RC 15.0469 MILLION
 MACH .7645
 ALPHA .5278 DEG

CN .4733
 CM -.0700
 CC .0071

CD2 .01032
 CD3 .01024
 CD4 .01037
 CD5 .01039
 CD6 .00930

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1493	.9984	.0479	0.0000	1.1493	.9984	.0479	.5000	.7401	-.6114	.5096	1.0323
.0040	.6802	.8682	.4545	.0040	.3402	.7738	.6174	.5000	.5427	-.6275	.5052	1.0397
.0150	.1659	.7254	.6941	.0080	.1449	.7196	.7031	.5000	.3454	-.7588	.4687	1.1013
.0250	-.0347	.6697	.7802	.0262	.1384	.7178	.7059	.5000	.1480	-.8989	.4298	1.1700
.0400	-.3142	.5921	.9002	.0500	.1132	.7108	.7168	.5000	-.1480	-.9232	.4231	1.1823
.0600	-.4907	.5432	.9777	.1000	.0209	.6852	.7565	.5000	-.5427	-.5996	.5129	1.0269
.0800	-.6701	.4933	1.0595	.1500	-.0311	.6707	.7786	.5000	-.7401	-.5960	.5139	1.0253
.1000	-.7151	.4809	1.0805	.2000	-.0843	.6560	.8014					
.1400	-.8104	.4544	1.1262	.2500	-.1371	.6413	.8239					
.1799	-.8795	.4352	1.1603	.3500	-.2710	.6041	.8815					
.2201	-.9056	.4280	1.1734	.4500	-.3825	.5732	.9299					
.2600	-.8926	.4316	1.1669	.5500	-.2986	.5965	.8934					
.3000	-.9125	.4261	1.1769	.6500	-.0957	.6528	.8063					
.3400	-.9264	.4222	1.1840	.7500	.0560	.6949	.7414					
.3801	-.8986	.4299	1.1699	.8000	.1119	.7104	.7174					
.4199	-.9238	.4229	1.1826	.8500	.1555	.7225	.6986					
.4600	-.9170	.4248	1.1792	.9000	.1934	.7330	.6821					
.5000	-.9283	.4217	1.1849	.9500	.1990	.7346	.6797					
.5400	-.7676	.4663	1.1055									
.5799	-.5722	.5205	1.0144									
.6201	-.5283	.5327	.9946									
.6600	-.5409	.5292	1.0002									
.7000	-.4789	.5464	.9725									
.7500	-.3563	.5805	.9185									
.8000	-.2267	.6164	.8624									
.8500	-.0721	.6594	.7962									
.9237	.1075	.7092	.7193									
.9749	.1830	.7302	.6866									

PT 4.3171 ATM
 TT 123.8947 K
 RC 15.0500 MILLION
 MACH .7641
 ALPHA 1.0081 DEG

CN .5621
 CM -.0772
 CC .0059

CD2 .01339
 CD3 .01335
 CD4 .01356
 CD5 .01331
 CD6 .01115

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1504	.9987	.0428	0.0000	1.1504	.9987	.0428	.5000	.7401	-.7946	.4589	1.1183
.0040	.6022	.8466	.4943	.0040	.4612	.8075	.5620	.5000	.5427	-.9621	.4125	1.2020
.0150	.0886	.7040	.7273	.0080	.2730	.7552	.6471	.5000	.3454	-1.0382	.3913	1.2420
.0250	-.1043	.6505	.8098	.0262	.2239	.7416	.6687	.5000	.1480	-1.0411	.3905	1.2435
.0400	-.3885	.5716	.9324	.0500	.1824	.7301	.6868	.5000	-.1480	-1.0444	.3896	1.2453
.0600	-.5509	.5266	1.0046	.1000	.0770	.7008	.7323	.5000	-.5427	-1.0082	.3997	1.2260
.0800	-.7280	.4774	1.0864	.1500	.0186	.6846	.7573	.5000	-.7401	-.8258	.4503	1.1335
.1000	-.7685	.4662	1.1057	.2000	-.0374	.6691	.7812					
.1400	-.8732	.4371	1.1569	.2500	-.0945	.6532	.8056					
.1799	-.9502	.4158	1.1958	.3500	-.2307	.6154	.8639					
.2201	-.9791	.4078	1.2108	.4500	-.3430	.5843	.9125					
.2600	-.9618	.4125	1.2018	.5500	-.2725	.6038	.8819					
.3000	-.9848	.4062	1.2138	.6500	-.0793	.6574	.7991					
.3400	-.9984	.4024	1.2209	.7500	.0670	.6980	.7366					
.3801	-.9686	.4107	1.2053	.8000	.1212	.7131	.7133					
.4199	-1.0026	.4012	1.2231	.8500	.1640	.7250	.6948					
.4600	-.9989	.4022	1.2211	.9000	.2010	.7352	.6787					
.5000	-1.0369	.3917	1.2412	.9500	.2041	.7361	.6773					
.5400	-1.0625	.3846	1.2550									
.5799	-1.0049	.4006	1.2243									
.6201	-.5949	.5144	1.0246									
.6600	-.4498	.5546	.9593									
.7000	-.3972	.5692	.9362									
.7500	-.3035	.5952	.8953									
.8000	-.1964	.6250	.8492									
.8500	-.0576	.6635	.7898									
.9237	.1098	.7099	.7181									
.9749	.1867	.7313	.6849									

PT 4.3171 ATM
TT 124.0093 K
RC 15.0332 MILLION
MACH .7644
ALPHA 1.0258 DEG

CN .5589
CM -.0782
CC .0064

CD2 .01314
CD3 .01315
CD4 .01329
CD5 .01283
CD6 .01088

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1488	.9981	.0523	0.0000	1.1488	.9981	.0523	.5000	.7401	-.8409	.4447	1.1434
.0040	.6106	.8484	.4910	.0040	.4548	.8050	.5661	.5000	.5427	-.9648	.4102	1.2062
.0150	.0962	.7053	.7253	.0080	.2617	.7514	.6533	.5000	.3454	-1.0332	.3912	1.2423
.0250	-.0969	.6516	.8081	.0262	.2156	.7385	.6735	.5000	.1480	-1.0346	.3908	1.2430
.0400	-.3802	.5728	.9306	.0500	.1778	.7280	.6900	.5000	-.1480	-1.0381	.3898	1.2449
.0600	-.5430	.5275	1.0030	.1000	.0728	.6988	.7354	.5000	-.5427	-1.0029	.3996	1.2262
.0800	-.7179	.4789	1.0839	.1500	.0150	.6827	.7602	.5000	-.7401	-.8703	.4365	1.1581
.1000	-.7612	.4668	1.1046	.2000	-.0416	.6670	.7844					
.1400	-.8651	.4379	1.1555	.2500	-.0977	.6514	.8084					
.1799	-.9406	.4169	1.1937	.3500	-.2355	.6130	.8676					
.2201	-.9701	.4087	1.2090	.4500	-.3484	.5816	.9166					
.2600	-.9543	.4131	1.2008	.5500	-.2749	.6021	.8847					
.3000	-.9772	.4067	1.2127	.6500	-.0808	.6561	.8012					
.3400	-.9907	.4030	1.2197	.7500	.0647	.6966	.7389					
.3801	-.9623	.4109	1.2049	.8000	.1191	.7117	.7154					
.4199	-.9969	.4012	1.2230	.8500	.1632	.7240	.6963					
.4600	-.9944	.4019	1.2217	.9000	.1999	.7342	.6804					
.5000	-1.0309	.3918	1.2411	.9500	.2020	.7347	.6795					
.5400	-1.0573	.3844	1.2553									
.5799	-1.0374	.3900	1.2446									
.6201	-.6666	.4931	1.0598									
.6600	-.4622	.5500	.9668									
.7000	-.3944	.5688	.9368									
.7500	-.2982	.5956	.8948									
.8000	-.1913	.6253	.8486									
.8500	-.0559	.6630	.7905									
.9237	.1076	.7085	.7204									
.9749	.1848	.7300	.6870									

PT 4.3173 ATM
TT 123.9542 K
RC 15.0612 MILLION
MACH .7659
ALPHA 1.0263 DEG

CN .5279
CM -.0741
CC .0058

CD2 .01271
CD3 .01251
CD4 .01252
CD5 .01178
CD6 .01025

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1483	.9981	.0517	0.0000	1.1483	.9981	.0517	.5000	.7401	-.6644	.4952	1.0564
.0040	.6265	.8539	.4810	.0040	.4152	.7947	.5832	.5000	.5427	-.8634	.4399	1.1518
.0150	.1149	.7114	.7158	.0080	.2292	.7431	.6663	.5000	.3454	-.9988	.4024	1.2209
.0250	-.0774	.6580	.7982	.0262	.1897	.7322	.6835	.5000	.1480	-1.0085	.3997	1.2260
.0400	-.3638	.5786	.9214	.0500	.1579	.7233	.6973	.5000	-.1480	-1.0090	.3996	1.2262
.0600	-.5301	.5324	.9950	.1000	.0565	.6952	.7410	.5000	-.5427	-.8645	.4396	1.1524
.0800	-.7080	.4831	1.0768	.1500	-.0000	.6795	.7651	.5000	-.7401	-.6400	.5019	1.0451
.1000	-.7521	.4708	1.0977	.2000	-.0544	.6644	.7883					
.1400	-.8519	.4432	1.1461	.2500	-.1102	.6489	.8122					
.1799	-.9250	.4229	1.1828	.3500	-.2450	.6115	.8700					
.2201	-.9531	.4151	1.1971	.4500	-.3568	.5805	.9184					
.2600	-.9360	.4198	1.1884	.5500	-.2820	.6013	.8859					
.3000	-.9564	.4142	1.1988	.6500	-.0852	.6559	.8615					
.3400	-.9718	.4099	1.2068	.7500	.0636	.6972	.7379					
.3801	-.9436	.4177	1.1923	.8000	.1520	.7217	.6998					
.4199	-.9735	.4094	1.2077	.8500	.1610	.7242	.6960					
.4600	-.9683	.4108	1.2050	.9000	.1983	.7346	.6798					
.5000	-1.0040	.4010	1.2236	.9500	.2030	.7359	.6777					
.5400	-1.0082	.3998	1.2258									
.5799	-.7648	.4673	1.1037									
.6201	-.5030	.5400	.9829									
.6600	-.4614	.5515	.9644									
.7000	-.4263	.5612	.9488									
.7500	-.3287	.5883	.9061									
.8000	-.2121	.6207	.8558									
.8500	-.0657	.6613	.7932									
.9237	.1098	.7100	.7180									
.9749	.1862	.7312	.6850									

PT 4.2007 ATM
 TT 121.7294 K
 RC 15.0588 MILLION
 MACH .7664
 ALPHA 1.0604 DEG

CN .5274
 CM -.0751
 CC .0064

CD2 .01269
 CD3 .01259
 CD4 .01252
 CD5 .01177
 CD6 .01000

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1483	.9979	.0543
.0040	.6361	.8555	.4782
.0150	.1218	.7124	.7144
.0250	-.0645	.6606	.7943
.0400	-.3597	.5785	.9216
.0600	-.5249	.5326	.9949
.0800	-.7007	.4837	1.0758
.1000	-.7500	.4700	1.0993
.1400	-.8490	.4425	1.1475
.1799	-.9200	.4227	1.1831
.2201	-.9489	.4147	1.1980
.2600	-.9351	.4185	1.1909
.3000	-.9546	.4131	1.2009
.3400	-.9702	.4087	1.2090
.3801	-.9476	.4150	1.1973
.4199	-.9753	.4073	1.2117
.4600	-.9741	.4077	1.2110
.5000	-1.0080	.3982	1.2289
.5400	-1.0283	.3926	1.2397
.5799	-.9285	.4203	1.1875
.6201	-.5510	.5253	1.0067
.6600	-.4580	.5512	.9650
.7000	-.4140	.5634	.9455
.7500	-.3214	.5892	.9049
.8000	-.2080	.6207	.8558
.8500	-.0658	.6603	.7949
.9237	.1061	.7086	.7203
.9749	.1861	.7303	.6865

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1483	.9979	.0543
.0040	.4055	.7914	.5889
.0080	.2168	.7389	.6731
.0262	.1803	.7287	.6890
.0500	.1496	.7202	.7023
.1000	.0496	.6924	.7454
.1500	-.0065	.6768	.7695
.2000	-.0617	.6614	.7931
.2500	-.1168	.6461	.8167
.3500	-.2529	.6082	.8752
.4500	-.3672	.5765	.9249
.5500	-.2901	.5979	.8913
.6500	-.0906	.6534	.8055
.7500	.0603	.6954	.7408
.8000	.1156	.7107	.7170
.8500	.1576	.7224	.6989
.9000	.1951	.7328	.6826
.9500	.2013	.7346	.6798

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.7405	.4726	1.0947
.5000	.5427	-.9082	.4260	1.1771
.5000	.3454	-1.0109	.3974	1.2304
.5000	.1480	-1.0140	.3966	1.2321
.5000	-.1480	-1.0122	.3971	1.2311
.5000	-.5427	-.9271	.4207	1.1868
.5000	-.7401	-.7074	.4818	1.0790

PT 4.3170 ATM
 TT 124.0251 K
 RC 15.0198 MILLION
 MACH .7635
 ALPHA 1.5172 DEG

CN .6092
 CM -.0827
 CC .0065

CD2 .01670
 CD3 .01650
 CD4 .01645
 CD5 .01579
 CD6 .01286

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1493	.9983	.0498
.0040	.5564	.8335	.5175
.0150	.0452	.6914	.7469
.0250	-.1359	.6410	.8244
.0400	-.4253	.5606	.9499
.0600	-.5844	.5163	1.0213
.0800	-.7629	.4667	1.1048
.1000	-.7955	.4576	1.1205
.1400	-.9038	.4275	1.1742
.1799	-.9847	.4051	1.2158
.2201	-1.0115	.3976	1.2299
.2600	-.9971	.4016	1.2223
.3000	-1.0221	.3947	1.2356
.3400	-1.0348	.3911	1.2424
.3801	-1.0060	.3992	1.2270
.4199	-1.0417	.3892	1.2461
.4600	-1.0391	.3899	1.2446
.5000	-1.0763	.3796	1.2648
.5400	-1.1064	.3712	1.2814
.5799	-1.1235	.3665	1.2910
.6201	-.8164	.4518	1.1307
.6600	-.5111	.5367	.9881
.7000	-.3999	.5676	.9387
.7500	-.2835	.6000	.8879
.8000	-.1732	.6306	.8404
.8500	-.0503	.6646	.7878
.9237	.1003	.7067	.7232
.9749	.1730	.7269	.6917

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1493	.9983	.0498
.0040	.5248	.8247	.5327
.0080	.3400	.7733	.6182
.0262	.2641	.7522	.6519
.0500	.2192	.7397	.6716
.1000	.1061	.7083	.7207
.1500	.0439	.6910	.7474
.2000	-.0159	.6744	.7731
.2500	-.0735	.6584	.7977
.3500	-.2137	.6194	.8578
.4500	-.3290	.5873	.9077
.5500	-.2636	.6055	.8793
.6500	-.0752	.6579	.7984
.7500	.0669	.6974	.7376
.8000	.1197	.7121	.7148
.8500	.1625	.7240	.6963
.9000	.1973	.7336	.6812
.9500	.1958	.7332	.6818

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.0102	.3980	1.2292
.5000	.5427	-1.0451	.3883	1.2479
.5000	.3454	-1.0894	.3759	1.2720
.5000	.1480	-1.0844	.3773	1.2693
.5000	-.1480	-1.0837	.3775	1.2689
.5000	-.5427	-1.0705	.3812	1.2616
.5000	-.7401	-1.0198	.3953	1.2343

PT 4.2095 ATM
 TT 121.8339 K
 RC 15.0613 MILLION
 MACH .7655
 ALPHA 2.0303 DEG

CN .6421
 CM -.0811
 CC .0069

CD2 .02441
 CD3 .02418
 CD4 .02396
 CD5 .02252
 CD6 .01749

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1516	.9989	.0399	0.0000	1.1516	.9989	.0399	.5000	.7401	-1.0549	.3854	1.2536
.0040	.4932	.8158	.5480	.0040	.6051	.8469	.4937	.5000	.5427	-1.1007	.3726	1.2787
.0150	-.0094	.6761	.7706	.0080	.4207	.7957	.5818	.5000	.3454	-1.1412	.3614	1.3013
.0250	-.1885	.6263	.8473	.0262	.3178	.7670	.6284	.5000	.1480	-1.1336	.3635	1.2971
.0400	-.4723	.5474	.9711	.0500	.2633	.7519	.6525	.5000	-.1480	-1.1296	.3646	1.2948
.0600	-.6427	.5000	1.0485	.1000	.1407	.7178	.7060	.5000	-.5427	-1.1469	.3598	1.3046
.0800	-.7926	.4583	1.1195	.1500	.0742	.6993	.7347	.5000	-.7401	-1.0776	.3791	1.2660
.1000	-.8425	.4444	1.1439	.2000	.0082	.6810	.7630					
.1400	-.9463	.4156	1.1963	.2500	-.0500	.6648	.7879					
.1799	-1.0285	.3927	1.2394	.3500	-.1958	.6242	.8504					
.2201	-1.0550	.3853	1.2537	.4500	-.3169	.5906	.9027					
.2600	-1.0417	.3890	1.2465	.5500	-.2591	.6066	.8777					
.3000	-1.0690	.3814	1.2613	.6500	-.0771	.6572	.7995					
.3400	-1.0796	.3785	1.2670	.7500	.0586	.6950	.7414					
.3801	-1.0545	.3855	1.2534	.8000	.1085	.7089	.7199					
.4199	-1.0874	.3763	1.2713	.8500	.1501	.7204	.7019					
.4600	-1.0842	.3772	1.2696	.9000	.1792	.7285	.6893					
.5000	-1.1211	.3670	1.2901	.9500	.1661	.7249	.6950					
.5400	-1.1490	.3592	1.3058									
.5799	-1.0887	.3760	1.2721									
.6201	-.6877	.4875	1.0694									
.6600	-.5026	.5389	.9846									
.7000	-.4028	.5667	.9403									
.7500	-.2819	.6003	.8876									
.8000	-.1703	.6313	.8395									
.8500	-.0641	.6609	.7940									
.9237	.0564	.6944	.7424									
.9749	.1257	.7136	.7125									

PT 4.2176 ATM
 TT 121.9478 K
 RC 15.0399 MILLION
 MACH .7630
 ALPHA 3.0420 DEG

CN .6639
 CM -.0684
 CC .0081

CD2 .04165
 CD3 .04225
 CD4 .03918
 CD5 .03567
 CD6 .03039

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1507	.9987	.0433	0.0000	1.1507	.9987	.0433	.5000	.7401	-1.0051	.3996	1.2262
.0040	.3531	.7770	.6122	.0040	.7479	.8867	.4185	.5000	.5427	-1.2032	.3446	1.3362
.0150	-.1397	.6401	.8259	.0080	.5593	.8343	.5161	.5000	.3454	-1.2183	.3404	1.3451
.0250	-.2902	.5983	.8907	.0262	.4138	.7939	.5847	.5000	.1480	-1.1104	.3703	1.2833
.0400	-.5783	.5182	1.0183	.0500	.3396	.7733	.6183	.5000	-.1480	-.9849	.4052	1.2156
.0600	-.7554	.4690	1.1009	.1000	.2053	.7360	.6777	.5000	-.5427	-1.2205	.3397	1.3464
.0800	-.9027	.4281	1.1734	.1500	.1282	.7145	.7111	.5000	-.7401	-1.1471	.3602	1.3038
.1000	-.9336	.4195	1.1891	.2000	.0571	.6948	.7417					
.1400	-1.0272	.3935	1.2379	.2500	-.0084	.6766	.7698					
.1799	-1.1160	.3688	1.2864	.3500	-.1601	.6344	.8347					
.2201	-1.1416	.3617	1.3007	.4500	-.2949	.5970	.8927					
.2600	-1.1250	.3663	1.2914	.5500	-.2625	.6060	.8787					
.3000	-1.1538	.3583	1.3077	.6500	-.0934	.6530	.8061					
.3400	-1.1694	.3540	1.3166	.7500	.0330	.6881	.7520					
.3801	-1.1360	.3632	1.2976	.8000	.0753	.6998	.7339					
.4199	-1.1676	.3544	1.3156	.8500	.1060	.7084	.7207					
.4600	-1.1229	.3669	1.2902	.9000	.1223	.7129	.7137					
.5000	-1.0136	.3972	1.2307	.9500	.0790	.7009	.7323					
.5400	-.7547	.4692	1.1006									
.5799	-.5730	.5197	1.0159									
.6201	-.4918	.5422	.9793									
.6600	-.4315	.5590	.9525									
.7000	-.3720	.5755	.9263									
.7500	-.2840	.6000	.8880									
.8000	-.2190	.6186	.8600									
.8500	-.1648	.6331	.8367									
.9237	-.0873	.6547	.8035									
.9749	-.0422	.6672	.7842									

PT 4.3451 ATM
 TT 124.8055 K
 RC 15.0650 MILLION
 MACH .7711
 ALPHA -.9600 DEG

CN .2225
 CM -.0728
 CC .0121

CD2 .00942
 CD3 .00892
 CD4 .00902
 CD5 .00923
 CD6 .00870

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0909	.9814	.1643	0.0000	1.0909	.9814	.1643	.5000	.7401	-.5863	.5116	1.0290
.0040	.9298	.9362	.3085	.0040	-.2798	.5975	.8918	.5000	.5427	-.6125	.5043	1.0411
.0150	.4596	.8046	.5668	.0080	-.4462	.5509	.9653	.5000	.3454	-.6169	.5030	1.0432
.0250	.2334	.7412	.6693	.0262	-.1961	.6209	.8554	.5000	.1480	-.6239	.5011	1.0465
.0400	-.0326	.6667	.7848	.0500	-.1367	.6375	.8297	.5000	-.1480	-.6315	.4989	1.0500
.0600	-.2254	.6127	.8681	.1000	-.1864	.6236	.8512	.5000	-.5427	-.6206	.5020	1.0449
.0800	-.3723	.5716	.9324	.1500	-.2072	.6178	.8602	.5000	-.7401	-.5953	.5091	1.0332
.1000	-.4503	.5497	.9672	.2000	-.2407	.6084	.8748					
.1400	-.5283	.5278	1.0024	.2500	-.2821	.5968	.8928					
.1799	-.5952	.5091	1.0331	.3500	-.4132	.5601	.9506					
.2201	-.5769	.5137	1.0256	.4500	-.5226	.5295	.9998					
.2600	-.5600	.5190	1.0169	.5500	-.3656	.5734	.9295					
.3000	-.5426	.5239	1.0089	.6500	-.1309	.6392	.8272					
.3400	-.5459	.5229	1.0104	.7500	.0343	.6854	.7559					
.3801	-.5600	.5190	1.0169	.8000	.0951	.7025	.7297					
.4199	-.5727	.5154	1.0227	.8500	.1452	.7165	.7079					
.4600	-.5880	.5112	1.0298	.9000	.1887	.7287	.6889					
.5000	-.6257	.5006	1.0473	.9500	.2040	.7330	.6822					
.5400	-.6545	.4925	1.0608									
.5799	-.6813	.4850	1.0735									
.6201	-.7091	.4772	1.0867									
.6600	-.7085	.4774	1.0864									
.7000	-.5347	.5261	1.0053									
.7500	-.3641	.5739	.9288									
.8000	-.2290	.6117	.8697									
.8500	-.0755	.6547	.8033									
.9237	.1616	.7043	.7268									
.9749	.1668	.7225	.6985									

PT 4.3457 ATM
 TT 124.6971 K
 RC 15.0842 MILLION
 MACH .7709
 ALPHA .0102 DEG

CN .3723
 CM -.0714
 CC .0108

CD2 .01015
 CD3 .00949
 CD4 .00964
 CD5 .00968
 CD6 .00909

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1460	.9968	.0681	0.0000	1.1460	.9968	.0681	.5000	.7401	-.6380	.4970	1.0533
.0040	.7895	.8969	.3978	.0040	.1068	.7056	.7248	.5000	.5427	-.6324	.4985	1.0507
.0150	.3017	.7602	.6391	.0080	-.0520	.6611	.7934	.5000	.3454	-.5983	.5081	1.0348
.0250	.1034	.7047	.7262	.0262	.0241	.6825	.7605	.5000	.1480	-.6009	.5074	1.0360
.0400	-.1908	.6223	.8533	.0500	.0275	.6834	.7591	.5000	-.1480	-.6145	.5036	1.0424
.0600	-.3767	.5702	.9346	.1000	-.0534	.6607	.7940	.5000	-.5427	-.6371	.4972	1.0529
.0800	-.5232	.5291	1.0004	.1500	-.0943	.6493	.8116	.5000	-.7401	-.6512	.4933	1.0595
.1000	-.6127	.5041	1.0415	.2000	-.1409	.6362	.8317					
.1400	-.6902	.4823	1.0780	.2500	-.1906	.6223	.8532					
.1799	-.7625	.4621	1.1128	.3500	-.3260	.5844	.9123					
.2201	-.7896	.4545	1.1260	.4500	-.4375	.5531	.9617					
.2600	-.7897	.4545	1.1261	.5500	-.3258	.5844	.9122					
.3000	-.7931	.4535	1.1278	.6500	-.1082	.6454	.8176					
.3400	-.8011	.4513	1.1317	.7500	.0482	.6892	.7501					
.3801	-.7855	.4556	1.1240	.8000	.1058	.7053	.7252					
.4199	-.7606	.4626	1.1118	.8500	.1533	.7187	.7045					
.4600	-.6791	.4854	1.0727	.9000	.1942	.7301	.6866					
.5000	-.6190	.5023	1.0444	.9500	.2043	.7330	.6822					
.5400	-.5976	.5083	1.0345									
.5799	-.6263	.5002	1.0479									
.6201	-.6882	.4829	1.0770									
.6600	-.7273	.4720	1.0957									
.7000	-.5510	.5214	1.0130									
.7500	-.3531	.5768	.9242									
.8000	-.2159	.6152	.8642									
.8500	-.0671	.6569	.7999									
.9237	.1038	.7048	.7261									
.9749	.1678	.7227	.6982									

PT 4.3341 ATM
 TT 124.6861 K
 RC 15.0492 MILLION
 MACH .7712
 ALPHA .9979 DEG

CN .5556
 CM -.0851
 CC .0092

CD2 .01656
 CD3 .01534
 CD4 .01521
 CD5 .01371
 CD6 .01181

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1534	.9988	.0406	0.0000	1.1534	.9988	.0406	.5000	.7401	-.9348	.4139	1.1993
.0040	.6243	.8506	.4869	.0040	.4049	.7892	.5923	.5000	.5427	-.9799	.4012	1.2230
.0150	.1357	.7137	.7122	.0080	.2250	.7388	.6731	.5000	.3454	-1.0225	.3893	1.2459
.0250	-.0404	.6644	.7883	.0262	.2012	.7321	.6835	.5000	.1480	-1.0192	.3902	1.2441
.0400	-.3450	.5791	.9206	.0500	.1630	.7214	.7003	.5000	-.1480	-1.0264	.3882	1.2480
.0600	-.5144	.5316	.9963	.1000	.0588	.6922	.7455	.5000	-.5427	-1.0012	.3953	1.2344
.0800	-.6539	.4925	1.0608	.1500	.0019	.6763	.7701	.5000	-.7401	-.9503	.4095	1.2074
.1000	-.7487	.4660	1.1060	.2000	-.0539	.6606	.7941					
.1400	-.8404	.4403	1.1512	.2500	-.1107	.6447	.8187					
.1799	-.9154	.4193	1.1893	.3500	-.2488	.6060	.8785					
.2201	-.9410	.4121	1.2025	.4500	-.3639	.5738	.9289					
.2600	-.9400	.4124	1.2020	.5500	-.2847	.5960	.8941					
.3000	-.9491	.4098	1.2068	.6500	-.0860	.6517	.8080					
.3400	-.9663	.4050	1.2158	.7500	.0619	.6931	.7442					
.3801	-.9597	.4069	1.2124	.8000	.1157	.7082	.7209					
.4199	-.9758	.4024	1.2208	.8500	.1601	.7206	.7015					
.4600	-.9815	.4008	1.2239	.9000	.1986	.7314	.6847					
.5000	-1.0199	.3900	1.2444	.9500	.2041	.7329	.6823					
.5400	-1.0456	.3828	1.2585									
.5799	-1.0675	.3767	1.2705									
.6201	-.9731	.4031	1.2194									
.6600	-.5443	.5232	1.0099									
.7000	-.4087	.5613	.9488									
.7500	-.2913	.5941	.8970									
.8000	-.1788	.6256	.8481									
.8500	-.0563	.6600	.7952									
.9237	.0961	.7027	.7294									
.9749	.1628	.7214	.7004									

PT 4.3451 ATM
 TT 124.7250 K
 RC 15.0360 MILLION
 MACH .7673
 ALPHA 1.5172 DEG

CN .6157
 CM -.0879
 CC .0081

CD2 .02163
 CD3 .02008
 CD4 .01989
 CD5 .01817
 CD6 .01518

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1500	.9982	.0506	0.0000	1.1500	.9982	.0506	.5000	.7401	-1.0121	.3950	1.2349
.0040	.5431	.8289	.5254	.0040	.5153	.8211	.5388	.5000	.5427	-1.0519	.3839	1.2564
.0150	.0590	.6938	.7430	.0080	.3329	.7702	.6231	.5000	.3454	-1.0944	.3720	1.2798
.0250	-.1058	.6478	.8139	.0262	.2706	.7528	.6509	.5000	.1480	-1.0854	.3745	1.2748
.0400	-.4165	.5612	.9489	.0500	.2224	.7394	.6721	.5000	-.1480	-1.0887	.3736	1.2766
.0600	-.5809	.5153	1.0230	.1000	.1038	.7063	.7237	.5000	-.5427	-1.0656	.3801	1.2639
.0800	-.7222	.4759	1.0890	.1500	.0418	.6890	.7504	.5000	-.7401	-1.0278	.3906	1.2434
.1000	-.8049	.4528	1.1290	.2000	-.0185	.6722	.7763					
.1400	-.9029	.4254	1.1780	.2500	-.0770	.6559	.8015					
.1799	-.9821	.4033	1.2190	.3500	-.2177	.6166	.8621					
.2201	-1.0055	.3968	1.2314	.4500	-.3340	.5842	.9126					
.2600	-1.0046	.3971	1.2309	.5500	-.2678	.6026	.8837					
.3000	-1.0145	.3943	1.2362	.6500	-.0794	.6552	.8025					
.3400	-1.0304	.3899	1.2447	.7500	.0622	.6947	.7417					
.3801	-1.0221	.3922	1.2403	.8000	.1888	.7300	.6868					
.4199	-1.0376	.3879	1.2486	.8500	.1559	.7208	.7011					
.4600	-1.0405	.3871	1.2502	.9000	.1907	.7306	.6860					
.5000	-1.0820	.3755	1.2729	.9500	.1883	.7299	.6870					
.5400	-1.1093	.3679	1.2881									
.5799	-1.1215	.3645	1.2950									
.6201	-.8537	.4392	1.1532									
.6600	-.5341	.5283	1.0016									
.7000	-.4153	.5615	.9484									
.7500	-.2887	.5968	.8928									
.8000	-.1736	.6289	.8430									
.8500	-.0622	.6600	.7951									
.9237	.0724	.6976	.7373									
.9749	.1337	.7147	.7108									

PT 4.3442 ATM
 TT 124.6794 K
 RC 15.0614 MILLION
 MACH .7691
 ALPHA 2.0264 DFG

CN .6100
 CM -.0767
 CC .0106

CD2 .03356
 CD3 .03127
 CD4 .02895
 CD5 .02593
 CD6 .02077

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1525	.9986	.0450
.0040	.4884	.8125	.5535
.0150	.0087	.6781	.7673
.0250	-.1476	.6343	.8348
.0400	-.4582	.5472	.9711
.0600	-.6256	.5003	1.0477
.0800	-.7438	.4672	1.1039
.1000	-.8358	.4414	1.1492
.1400	-.9308	.4148	1.1976
.1799	-1.0141	.3915	1.2417
.2201	-1.0370	.3850	1.2541
.2600	-1.0370	.3851	1.2541
.3000	-1.0489	.3817	1.2607
.3400	-1.0643	.3774	1.2691
.3801	-1.0555	.3799	1.2643
.4199	-1.0678	.3764	1.2711
.4600	-1.0709	.3756	1.2728
.5000	-1.1137	.3636	1.2968
.5400	-1.0700	.3758	1.2723
.5799	-.7667	.4608	1.1151
.6201	-.5410	.5240	1.0086
.6600	-.4400	.5523	.9630
.7000	-.3716	.5715	.9325
.7500	-.2766	.5981	.8908
.8000	-.1945	.6211	.8551
.8500	-.1272	.6400	.8259
.9237	-.0417	.6640	.7891
.9749	.0040	.6767	.7694

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1525	.9986	.0450
.0040	.5935	.6419	.5025
.0080	.4119	.7911	.5892
.0262	.3166	.7644	.6325
.0500	.2626	.7492	.6566
.1000	.1386	.7145	.7111
.1500	.0708	.6955	.7405
.2000	.0055	.6772	.7687
.2500	-.0565	.6598	.7954
.3500	-.2040	.6185	.8592
.4500	-.3319	.5826	.9150
.5500	-.2778	.5978	.8913
.6500	-.0941	.6493	.8117
.7500	.0403	.6869	.7537
.8000	.0870	.7000	.7335
.8500	.1227	.7100	.7180
.9000	.1474	.7169	.7072
.9500	.1203	.7093	.7190

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-1.0608	.3784
.5000	.5427	-1.0954	.3687
.5000	.3454	-1.1315	.3586
.5000	.1480	-1.1208	.3616
.5000	-.1480	-1.1236	.3608
.5000	-.5427	-1.1183	.3623
.5000	-.7401	-1.0801	.3730

PT 4.3451 ATM
 TT 124.7105 K
 RC 15.0771 MILLION
 MACH .7707
 ALPHA 2.5254 DEG

CN .6203
 CM -.0706
 CC .0112

CD2 .04207
 CD3 .04043
 CD4 .03756
 CD5 .03434
 CD6 .02774

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1535	.9989	.0404
.0040	.4201	.7933	.5855
.0150	-.0509	.6613	.7931
.0250	-.1951	.6209	.8555
.0400	-.5076	.5333	.9936
.0600	-.6834	.4840	1.0751
.0800	-.7919	.4536	1.1276
.1000	-.8802	.4289	1.1717
.1400	-.9699	.4037	1.2183
.1799	-1.0561	.3796	1.2649
.2201	-1.0789	.3732	1.2775
.2600	-1.0781	.3734	1.2771
.3000	-1.0896	.3702	1.2835
.3400	-1.1073	.3652	1.2935
.3801	-1.0961	.3684	1.2871
.4199	-1.1074	.3652	1.2935
.4600	-1.1044	.3660	1.2918
.5000	-1.0506	.3811	1.2618
.5400	-.7963	.4524	1.1297
.5799	-.5693	.5160	1.0218
.6201	-.4725	.5431	.9777
.6600	-.4143	.5595	.9516
.7000	-.3603	.5746	.9277
.7500	-.2811	.5968	.8929
.8000	-.2212	.6136	.8668
.8500	-.1738	.6269	.8462
.9237	-.1039	.6464	.8160
.9749	-.0661	.6570	.7997

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1535	.9989	.0404
.0040	.6672	.8626	.4650
.0080	.4799	.8100	.5576
.0262	.3624	.7771	.6120
.0500	.2993	.7594	.6404
.1000	.1693	.7230	.6978
.1500	.0964	.7026	.7295
.2000	.0294	.6838	.7585
.2500	-.0366	.6653	.7870
.3500	-.1863	.6233	.8516
.4500	-.3212	.5855	.9105
.5500	-.2809	.5968	.8928
.6500	-.1031	.6467	.8156
.7500	.0281	.6834	.7591
.8000	.0713	.6956	.7404
.8500	.1011	.7039	.7274
.9000	.1211	.7095	.7188
.9500	.0831	.6989	.7352

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-1.1057	.3657
.5000	.5427	-1.1482	.3537
.5000	.3454	-1.1723	.3470
.5000	.1480	-1.1321	.3583
.5000	-.1480	-1.0651	.3771
.5000	-.5427	-1.1730	.3468
.5000	-.7401	-1.1247	.3603

PT 4.3455 ATM
 TT 124.7994 K
 RC 15.0602 MILLION
 MACH .7705
 ALPHA 3.0141 DEG

CN .6341
 CM -.0650
 CC .0110

CD2 .04781
 CD3 .04917
 CD4 .04888
 CD5 .04412
 CD6 .03646

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1518	.9985	.0467
.0040	.3489	.7738	.6173
.0150	-.1120	.6448	.8185
.0250	-.2600	.6034	.8825
.0400	-.5567	.5204	1.0146
.0600	-.7367	.4700	1.0990
.0800	-.8497	.4384	1.1545
.1000	-.9275	.4167	1.1941
.1400	-1.0119	.3930	1.2387
.1799	-1.0981	.3689	1.2860
.2201	-1.1213	.3624	1.2991
.2600	-1.1209	.3625	1.2989
.3000	-1.1321	.3594	1.3053
.3400	-1.1510	.3541	1.3162
.3801	-1.1383	.3577	1.3089
.4199	-1.1470	.3552	1.3138
.4600	-1.0672	.3776	1.2688
.5000	-.8743	.4315	1.1669
.5400	-.6566	.4924	1.0609
.5799	-.5295	.5280	1.0021
.6201	-.4644	.5462	.9727
.6600	-.4113	.5611	.9490
.7000	-.3604	.5753	.9265
.7500	-.2925	.5943	.8967
.8000	-.2402	.6090	.8739
.8500	-.1932	.6221	.8535
.9237	-.1433	.6361	.8319
.9749	-.0988	.6485	.8128

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1518	.9985	.0467
.0040	.7304	.8806	.4306
.0080	.5433	.8282	.5266
.0262	.4071	.7901	.5908
.0500	.3393	.7711	.6217
.1000	.1978	.7315	.6844
.1500	.1207	.7099	.7181
.2000	.0490	.6899	.7491
.2500	-.0183	.6711	.7781
.3500	-.1743	.6274	.8453
.4500	-.3150	.5880	.9065
.5500	-.2830	.5970	.8925
.6500	-.1117	.6449	.8183
.7500	.0130	.6798	.7646
.8000	.0537	.6912	.7471
.8500	.0836	.6996	.7342
.9000	.1003	.7042	.7269
.9500	.0559	.6918	.7461

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.1463	.3554	1.3135
.5000	.5427	-1.1861	.3443	1.3367
.5000	.3454	-1.1057	.3668	1.2903
.5000	.1480	-.9545	.4091	1.2082
.5000	-.1480	-.8342	.4427	1.1468
.5000	-.5427	-1.0890	.3714	1.2809
.5000	-.7401	-1.1588	.3519	1.3207

PT 4.3449 ATM
 TT 124.7029 K
 RC 15.0493 MILLION
 MACH .7682
 ALPHA 3.5029 DEG

CN .6441
 CM -.0599
 CC .0111

CD2 .05064
 CD3 .05407
 CD4 .05620
 CD5 .05319
 CD6 .04551

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1521	.9985	.0458
.0040	.2856	.7559	.6460
.0150	-.1648	.6298	.8416
.0250	-.2840	.5964	.8934
.0400	-.6066	.5061	1.0381
.0600	-.7825	.4569	1.1219
.0800	-.8986	.4244	1.1800
.1000	-.9651	.4057	1.2145
.1400	-1.0462	.3830	1.2581
.1799	-1.1316	.3591	1.3059
.2201	-1.1547	.3527	1.3192
.2600	-1.1545	.3527	1.3191
.3000	-1.1653	.3497	1.3254
.3400	-1.1847	.3442	1.3368
.3801	-1.1670	.3492	1.3263
.4199	-1.1371	.3576	1.3090
.4600	-.9334	.4146	1.1980
.5000	-.7311	.4713	1.0969
.5400	-.5835	.5126	1.0274
.5799	-.5141	.5320	.9957
.6201	-.4569	.5480	.9699
.6600	-.4075	.5618	.9478
.7000	-.3622	.5745	.9277
.7500	-.3043	.5907	.9023
.8000	-.2561	.6042	.8813
.8500	-.2092	.6174	.8609
.9237	-.1721	.6278	.8448
.9749	-.1198	.6424	.8222

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1521	.9985	.0458
.0040	.7969	.8963	.3991
.0080	.6018	.8444	.4980
.0262	.4505	.8021	.5710
.0500	.3785	.7819	.6042
.1000	.2269	.7395	.6720
.1500	.1458	.7168	.7075
.2000	.0704	.6957	.7402
.2500	.0016	.6764	.7699
.3500	-.1601	.6311	.8396
.4500	-.3066	.5901	.9033
.5500	-.2828	.5968	.8929
.6500	-.1181	.6429	.8215
.7500	.0026	.6767	.7695
.8000	.0414	.6875	.7527
.8500	.0694	.6954	.7406
.9000	.0846	.6996	.7340
.9500	.0364	.6861	.7549

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.1131	.3643	1.2953
.5000	.5427	-.9228	.4176	1.1924
.5000	.3454	-.7580	.4637	1.1099
.5000	.1480	-.7289	.4719	1.0959
.5000	-.1480	-.6838	.4845	1.0743
.5000	-.5427	-.7838	.4565	1.1225
.5000	-.7401	-1.0428	.3840	1.2562

PT 4.3441 ATM
 TT 124.6912 K
 RC 15.0486 MILLION
 MACH .7682
 ALPHA 4.0019 DEG

CN .6523
 CM -.0562
 CC .0115

CD2 .05345
 CD3 .05651
 CD4 .06154
 CD5 .06244
 CD6 .05655

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1413	.9955	.0805
.0040	.2227	.7382	.6739
.0150	-.2248	.6129	.8678
.0250	-.3391	.5809	.9178
.0400	-.6582	.4915	1.0624
.0600	-.8279	.4440	1.1446
.0800	-.9431	.4117	1.2033
.1000	-1.0080	.3936	1.2376
.1400	-1.0638	.3723	1.2792
.1799	-1.1694	.3484	1.3281
.2201	-1.1923	.3419	1.3416
.2600	-1.1887	.3430	1.3395
.3000	-1.1973	.3406	1.3446
.3400	-1.2195	.3343	1.3579
.3801	-1.1823	.3448	1.3357
.4199	-1.0565	.3800	1.2640
.4600	-.7913	.4542	1.1265
.5000	-.6344	.4982	1.0513
.5400	-.5530	.5210	1.0136
.5799	-.5111	.5327	.9945
.6201	-.4592	.5473	.9711
.6600	-.4139	.5599	.9509
.7000	-.3732	.5713	.9328
.7500	-.3229	.5854	.9106
.8000	-.2818	.5969	.8926
.8500	-.2445	.6074	.8764
.9237	-.2022	.6192	.8580
.9749	-.1578	.6317	.8388

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1413	.9955	.0805
.0040	.8340	.9094	.3711
.0080	.6489	.8576	.4742
.0262	.4815	.8107	.5565
.0500	.4001	.7879	.5944
.1000	.2481	.7453	.6627
.1500	.1626	.7214	.7003
.2000	.0852	.6997	.7339
.2500	.0129	.6795	.7652
.3500	-.1515	.6334	.8361
.4500	-.3055	.5903	.9030
.5500	-.2939	.5935	.8979
.6500	-.1322	.6388	.8277
.7500	-.0123	.6724	.7760
.8000	.0253	.6829	.7598
.8500	.0485	.6894	.7498
.9000	.0630	.6935	.7435
.9500	.0125	.6794	.7653

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.8734	.4313	1.1674
.5000	.5427	-.6737	.4872	1.0698
.5000	.3454	-.6136	.5040	1.0416
.5000	.1480	-.6136	.5040	1.0416
.5000	-.1480	-.6309	.4992	1.0497
.5000	-.5427	-.6501	.4938	1.0587
.5000	-.7401	-.7575	.4637	1.1100

PT 4.3456 ATM
 TT 124.7100 K
 RC 15.1019 MILLION
 MACH .7727
 ALPHA 4.5008 DEG

CN .6611
 CM -.0538
 CC .0121

CD2 .05653
 CD3 .05873
 CD4 .06583
 CD5 .07190
 CD6 .07155

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1310	.9926	.1030
.0040	.1594	.7205	.7016
.0150	-.2766	.5984	.8903
.0250	-.3787	.5699	.9351
.0400	-.6999	.4799	1.0821
.0600	-.8661	.4334	1.1636
.0800	-.9839	.4004	1.2246
.1000	-1.0447	.3834	1.2574
.1400	-1.1177	.3629	1.2981
.1799	-1.2017	.3394	1.3470
.2201	-1.2246	.3330	1.3608
.2600	-1.2189	.3346	1.3574
.3000	-1.2256	.3327	1.3614
.3400	-1.2336	.3304	1.3663
.3801	-1.1198	.3623	1.2993
.4199	-.8989	.4242	1.1803
.4600	-.6998	.4799	1.0821
.5000	-.6111	.5048	1.0404
.5400	-.5535	.5209	1.0138
.5799	-.5117	.5326	.9947
.6201	-.4634	.5461	.9729
.6600	-.4229	.5575	.9548
.7000	-.3867	.5676	.9387
.7500	-.3369	.5816	.9167
.8000	-.3015	.5915	.9012
.8500	-.2736	.5993	.8890
.9237	-.2277	.6121	.8690
.9749	-.1883	.6232	.8519

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1310	.9926	.1030
.0040	.8799	.9223	.3422
.0080	.6946	.8704	.4502
.0262	.5152	.8202	.5404
.0500	.4258	.7951	.5825
.1000	.2715	.7519	.6523
.1500	.1827	.7271	.6914
.2000	.1026	.7046	.7263
.2500	.0279	.6837	.7586
.3500	-.1404	.6366	.8312
.4500	-.3001	.5919	.9006
.5500	-.2975	.5926	.8994
.6500	-.1404	.6366	.8312
.7500	-.0230	.6695	.7806
.8000	.0132	.6796	.7649
.8500	.0345	.6856	.7558
.9000	.0476	.6892	.7501
.9500	-.0059	.6743	.7732

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6571	.4919	1.0619
.5000	.5427	-.6193	.5025	1.0441
.5000	.3454	-.5863	.5117	1.0289
.5000	.1480	-.5929	.5099	1.0319
.5000	-.1480	-.6055	.5063	1.0377
.5000	-.5427	-.6193	.5025	1.0441
.5000	-.7401	-.6598	.4911	1.0631

PT 4.2899 ATM
 TT 124.6543 K
 RC 15.0684 MILLION
 MACH .7864
 ALPHA -1.0082 DEG

CN .2252
 CM -.0774
 CC .0136

CD2 .01108
 CD3 .01044
 CD4 .01056
 CD5 .01054
 CD6 .00980

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0973	.9808	.1668	0.0000	1.0973	.9808	.1668	.5000	.7401	-.6117	.4901	1.0648
.0040	.9509	.9388	.3021	.0040	-.2731	.5874	.9076	.5000	.5427	-.6339	.4838	1.0755
.0150	.4873	.8057	.5650	.0080	-.4717	.5303	.9984	.5000	.3454	-.6365	.4830	1.0768
.0250	.2626	.7411	.6694	.0262	-.2087	.6058	.8788	.5000	.1480	-.6400	.4820	1.0786
.0400	-.0006	.6656	.7865	.0500	-.1435	.6245	.8498	.5000	-.1480	-.6454	.4805	1.0812
.0600	-.1952	.6097	.8727	.1000	-.1918	.6107	.8712	.5000	-.5427	-.6357	.4832	1.0764
.0800	-.3431	.5673	.9392	.1500	-.2148	.6041	.8815	.5000	-.7401	-.6217	.4873	1.0696
.1000	-.4250	.5437	.9767	.2000	-.2480	.5945	.8964					
.1400	-.5076	.5200	1.0152	.2500	-.2912	.5821	.9158					
.1799	-.5986	.4939	1.0585	.3500	-.4327	.5415	.9803					
.2201	-.6052	.4920	1.0616	.4500	-.5929	.4955	1.0557					
.2600	-.5915	.4959	1.0550	.5500	-.3686	.5599	.9508					
.3000	-.5808	.4990	1.0499	.6500	-.1295	.6286	.8435					
.3400	-.5528	.5070	1.0365	.7500	.0372	.6764	.7698					
.3801	-.5479	.5085	1.0342	.8000	.0983	.6940	.7428					
.4199	-.5675	.5028	1.0436	.8500	.1488	.7085	.7204					
.4600	-.5964	.4945	1.0574	.9000	.1918	.7208	.7012					
.5000	-.6407	.4818	1.0789	.9500	.2056	.7248	.6950					
.5400	-.6807	.4703	1.0985									
.5799	-.7226	.4583	1.1193									
.6201	-.7719	.4441	1.1443									
.6600	-.8454	.4230	1.1824									
.7000	-.6833	.4696	1.0998									
.7500	-.3353	.5695	.9357									
.8000	-.1957	.6096	.8730									
.8500	-.0584	.6490	.8121									
.9237	.1054	.6960	.7396									
.9749	.1637	.7127	.7137									

PT 4.2904 ATM
 TT 124.7151 K
 RC 15.0292 MILLION
 MACH .7836
 ALPHA .0102 DEG

CN .3869
 CM -.0788
 CC .0120

CD2 .01153
 CD3 .01048
 CD4 .01032
 CD5 .01037
 CD6 .00986

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1480	.9958	.0778	0.0000	1.1480	.9958	.0778	.5000	.7401	-.7241	.4611	1.1145
.0040	.8196	.9020	.3871	.0040	.0823	.6914	.7467	.5000	.5427	-.7649	.4495	1.1349
.0150	.3350	.7636	.6337	.0080	-.0843	.6438	.8200	.5000	.3454	-.8155	.4350	1.1606
.0250	.1209	.7025	.7297	.0262	.0058	.6696	.7804	.5000	.1480	-.8447	.4267	1.1757
.0400	-.1551	.6236	.8512	.0500	.0138	.6719	.7769	.5000	-.1480	-.8533	.4242	1.1802
.0600	-.3410	.5705	.9340	.1000	-.0635	.6498	.8108	.5000	-.5427	-.7601	.4508	1.1325
.0800	-.4861	.5291	1.0004	.1500	-.1042	.6382	.8287	.5000	-.7401	-.7094	.4653	1.1072
.1000	-.5777	.5029	1.0434	.2000	-.1511	.6248	.8494					
.1400	-.6606	.4792	1.0832	.2500	-.2012	.6105	.8716					
.1799	-.7342	.4582	1.1195	.3500	-.3447	.5695	.9357					
.2201	-.7637	.4498	1.1343	.4500	-.4736	.5327	.9946					
.2600	-.7714	.4476	1.1382	.5500	-.3387	.5712	.9330					
.3000	-.7830	.4443	1.1440	.6500	-.1116	.6360	.8320					
.3400	-.7987	.4398	1.1520	.7500	.0473	.6814	.7621					
.3801	-.7975	.4402	1.1514	.8000	.1056	.6981	.7364					
.4199	-.8106	.4364	1.1581	.8500	.1547	.7121	.7147					
.4600	-.8171	.4345	1.1615	.9000	.1956	.7238	.6966					
.5000	-.8471	.4260	1.1770	.9500	.2059	.7267	.6919					
.5400	-.8704	.4193	1.1892									
.5799	-.8925	.4130	1.2009									
.6201	-.8844	.4153	1.1966									
.6600	-.6511	.4820	1.0786									
.7000	-.4337	.5441	.9762									
.7500	-.3091	.5796	.9197									
.8000	-.1886	.6141	.8660									
.8500	-.0538	.6525	.8066									
.9237	.1050	.6979	.7367									
.9749	.1683	.7160	.7087									

PT 4.2900 ATM
 TT 124.7336 K
 RC 15.0258 MILLION
 MACH .7837
 ALPHA 1.0285 DEG

CN .4932
 CM -.0794
 CC .0144

CD2 .02446
 CD3 .02290
 CD4 .02060
 CD5 .01775
 CD6 .01512

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1594	.9988	.0417	0.0000	1.1594	.9988	.0417	.5000	.7401	-.9254	.4015	1.2224
.0040	.6813	.8618	.4664	.0040	.3493	.7667	.6287	.5000	.5427	-.9562	.3927	1.2393
.0150	.2010	.7242	.6959	.0080	.1734	.7163	.7082	.5000	.3454	-.9910	.3827	1.2586
.0250	.0058	.6683	.7823	.0262	.1658	.7141	.7116	.5000	.1480	-.9858	.3842	1.2557
.0400	-.2796	.5865	.9089	.0500	.1363	.7057	.7246	.5000	-.1480	-.9919	.3825	1.2591
.0600	-.4542	.5365	.9883	.1000	.0360	.6770	.7690	.5000	-.5427	-.9728	.3879	1.2484
.0800	-.5934	.4967	1.0538	.1500	-.0194	.6611	.7935	.5000	-.7401	-.9355	.3986	1.2279
.1000	-.6893	.4692	1.1005	.2000	-.0782	.6442	.8194					
.1400	-.7817	.4427	1.1469	.2500	-.1337	.6283	.8439					
.1799	-.8560	.4214	1.1853	.3500	-.2833	.5855	.9105					
.2201	-.8852	.4131	1.2008	.4500	-.4203	.5462	.9727					
.2600	-.8880	.4123	1.2023	.5500	-.3260	.5733	.9298					
.3000	-.8999	.4088	1.2086	.6500	-.1138	.6341	.8351					
.3400	-.9195	.4032	1.2192	.7500	.0342	.6765	.7698					
.3801	-.9172	.4039	1.2179	.8000	.0863	.6914	.7468					
.4199	-.9345	.3989	1.2274	.8500	.1274	.7032	.7286					
.4600	-.9432	.3964	1.2321	.9000	.1574	.7117	.7153					
.5000	-.9841	.3847	1.2547	.9500	.1418	.7073	.7222					
.5400	-1.0133	.3763	1.2712									
.5799	-1.0247	.3731	1.2776									
.6201	-.7568	.4498	1.1342									
.6600	-.4954	.5247	1.0075									
.7000	-.3615	.5573	.9550									
.7500	-.2721	.5887	.9055									
.8000	-.1802	.6150	.8645									
.8500	-.1018	.6375	.8298									
.9237	-.0041	.6655	.7867									
.9749	.0425	.6788	.7662									

PT 4.2897 ATM
 TT 124.7469 K
 RC 15.0043 MILLION
 MACH .7820
 ALPHA 1.5172 DEG

CN .5202
 CM -.0737
 CC .0145

CD2 .03420
 CD3 .03162
 CD4 .02801
 CD5 .02378
 CD6 .01910

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1558	.9979	.0547	0.0000	1.1558	.9979	.0547	.5000	.7401	-.9802	.3870	1.2503
.0040	.6117	.8423	.5019	.0040	.4527	.7968	.5797	.5000	.5427	-1.0107	.3783	1.2673
.0150	.1298	.7045	.7265	.0080	.2699	.7445	.6640	.5000	.3454	-1.0444	.3687	1.2865
.0250	-.0573	.6509	.8091	.0262	.2267	.7322	.6834	.5000	.1480	-1.0363	.3710	1.2819
.0400	-.3422	.5695	.9357	.0500	.1850	.7202	.7021	.5000	-.1480	-1.0399	.3699	1.2839
.0600	-.5087	.5219	1.0122	.1000	.0767	.6893	.7500	.5000	-.5427	-1.0246	.3743	1.2752
.0800	-.6490	.4817	1.0790	.1500	.0151	.6717	.7772	.5000	-.7401	-.9907	.3840	1.2561
.1000	-.7373	.4565	1.1225	.2000	-.0456	.6543	.8039					
.1400	-.8347	.4286	1.1722	.2500	-.1062	.6370	.8306					
.1799	-.9135	.4061	1.2138	.3500	-.2577	.5936	.8978					
.2201	-.9400	.3985	1.2281	.4500	-.3985	.5534	.9613					
.2600	-.9421	.3979	1.2293	.5500	-.3233	.5749	.9272					
.3000	-.9538	.3945	1.2357	.6500	-.1191	.6333	.8363					
.3400	-.9726	.3892	1.2460	.7500	.0235	.6741	.7735					
.3801	-.9672	.3907	1.2430	.8000	.0721	.6880	.7520					
.4199	-.9822	.3864	1.2514	.8500	.1074	.6981	.7365					
.4600	-.9889	.3845	1.2551	.9000	.1323	.7052	.7255					
.5000	-1.0338	.3717	1.2805	.9500	.1035	.6970	.7382					
.5400	-1.0531	.3661	1.2915									
.5799	-.8069	.4366	1.1578									
.6201	-.5327	.5150	1.0234									
.6600	-.4142	.5489	.9685									
.7000	-.3472	.5680	.9380									
.7500	-.2671	.5910	.9019									
.8000	-.1960	.6113	.8703									
.8500	-.1428	.6265	.8467									
.9237	-.0648	.6488	.8124									
.9749	-.0280	.6593	.7962									

PT 4.2896 ATM
TT 124.7581 K
RC 15.0160 MILLION
MACH .7833
ALPHA 1.9958 DEG

CN .5382
CM -.0684
CC .0152

CD2 .04173
CD3 .04002
CD4 .03654
CD5 .03198
CD6 .02460

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1558	.9980	.0540
.0040	.5552	.8263	.5299
.0150	.0777	.6898	.7492
.0250	-.1010	.6387	.8279
.0400	-.3901	.5561	.9569
.0600	-.5576	.5082	1.0346
.0800	-.6910	.4701	1.0989
.1000	-.7771	.4455	1.1419
.1400	-.8743	.4177	1.1922
.1799	-.9562	.3943	1.2362
.2201	-.9818	.3870	1.2503
.2600	-.9843	.3863	1.2517
.3000	-.9971	.3826	1.2588
.3400	-1.0150	.3775	1.2689
.3801	-1.0086	.3793	1.2653
.4199	-1.0210	.3758	1.2723
.4600	-1.0266	.3742	1.2755
.5000	-1.0676	.3625	1.2990
.5400	-.9484	.3965	1.2319
.5799	-.5930	.4981	1.0514
.6201	-.4513	.5386	.9850
.6600	-.3886	.5565	.9563
.7000	-.3420	.5699	.9351
.7500	-.2702	.5904	.9029
.8000	-.2162	.6058	.8788
.8500	-.1718	.6185	.8591
.9237	-.1153	.6346	.8342
.9749	-.0761	.6458	.8169

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1558	.9980	.0540
.0040	.5359	.8208	.5394
.0080	.3485	.7672	.6279
.0262	.2808	.7479	.6588
.0500	.2298	.7333	.6817
.1000	.1096	.6989	.7351
.1500	.0433	.6800	.7644
.2000	-.0213	.6615	.7928
.2500	-.0345	.6434	.8206
.3500	-.2410	.5987	.8898
.4500	-.3877	.5568	.9559
.5500	-.3251	.5747	.9275
.6500	-.1274	.6312	.8395
.7500	.0094	.6703	.7793
.8000	.0547	.6832	.7593
.8500	.0890	.6930	.7442
.9000	.1090	.6988	.7354
.9500	.0718	.6881	.7518

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT MLOC
.5000	.7401	-1.0243	.3748 1.2742
.5000	.5427	-1.0553	.3660 1.2919
.5000	.3454	-1.0861	.3572 1.3098
.5000	.1480	-1.0766	.3599 1.3043
.5000	-.1480	-1.0745	.3605 1.3030
.5000	-.5427	-1.0756	.3602 1.3037
.5000	-.7401	-1.0394	.3705 1.2828

PT 4.2899 ATM
TT 124.7911 K
RC 15.0168 MILLION
MACH .7839
ALPHA 2.5028 DEG

CN .5569
CM -.0635
CC .0152

CD2 .04386
CD3 .04591
CD4 .04547
CD5 .04320
CD6 .03428

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1567	.9982	.0513
.0040	.4916	.8080	.5611
.0150	.0194	.6729	.7752
.0250	-.1487	.6249	.8493
.0400	-.4398	.5416	.9802
.0600	-.6130	.4921	1.0615
.0800	-.7224	.4608	1.1150
.1000	-.8161	.4340	1.1625
.1400	-.9106	.4070	1.2122
.1799	-.9949	.3829	1.2583
.2201	-1.0200	.3757	1.2724
.2600	-1.0218	.3752	1.2735
.3000	-1.0350	.3714	1.2810
.3400	-1.0530	.3662	1.2913
.3801	-1.0457	.3683	1.2872
.4199	-1.0575	.3650	1.2939
.4600	-1.0577	.3649	1.2941
.5000	-1.0308	.3726	1.2786
.5400	-.7346	.4573	1.1211
.5799	-.5031	.5235	1.0095
.6201	-.4302	.5444	.9757
.6600	-.3831	.5578	.9542
.7000	-.3404	.5700	.9348
.7500	-.2787	.5877	.9071
.8000	-.2308	.6014	.8857
.8500	-.1879	.6136	.8666
.9237	-.1464	.6255	.8483
.9749	-.1017	.6383	.8285

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1567	.9982	.0513
.0040	.6127	.8426	.5013
.0080	.4277	.7897	.5915
.0262	.3326	.7625	.6355
.0500	.2750	.7460	.6617
.1000	.1451	.7089	.7197
.1500	.0735	.6884	.7514
.2000	.0063	.6692	.7810
.2500	-.0603	.6501	.8103
.3500	-.2206	.6043	.8812
.4500	-.3731	.5607	.9496
.5500	-.3237	.5748	.9273
.6500	-.1322	.6296	.8420
.7500	.0006	.6676	.7835
.8000	.0436	.6799	.7646
.8500	.0753	.6889	.7506
.9000	.0931	.6940	.7427
.9500	.0514	.6821	.7611

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT MLOC
.5000	.7401	-1.0605	.3641 1.2956
.5000	.5427	-1.0995	.3530 1.3185
.5000	.3454	-1.1091	.3502 1.3242
.5000	.1480	-1.0747	.3601 1.3039
.5000	-.1480	-1.0151	.3771 1.2697
.5000	-.5427	-1.1224	.3464 1.3322
.5000	-.7401	-1.0790	.3588 1.3064

PT 4.2896 ATM
 TT 124.7069 K
 RC 15.0468 MILLION
 MACH .7853
 ALPHA 2.9938 DEG

CN .5647
 CM -.0599
 CC .0168

CD2 .04338
 CD3 .04848
 CD4 .05798
 CD5 .05833
 CD6 .04665

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1574	.9980	.0541
.0040	.4454	.7933	.5855
.0150	-.0164	.6606	.7942
.0250	-.1771	.6144	.8655
.0400	-.4680	.5308	.9977
.0600	-.6481	.4790	1.0836
.0800	-.7574	.4476	1.1382
.1000	-.8442	.4227	1.1831
.1400	-.9321	.3974	1.2303
.1799	-1.0171	.3729	1.2779
.2201	-1.0428	.3656	1.2927
.2600	-1.0456	.3648	1.2944
.3000	-1.0591	.3609	1.3022
.3400	-1.0780	.3555	1.3133
.3801	-1.0702	.3577	1.3087
.4199	-1.0822	.3542	1.3159
.4600	-1.0734	.3568	1.3107
.5000	-.9701	.3865	1.2513
.5400	-.6106	.4898	1.0654
.5799	-.4882	.5250	1.0071
.6201	-.4294	.5419	.9797
.6600	-.3844	.5548	.9590
.7000	-.3447	.5662	.9409
.7500	-.2973	.5798	.9194
.8000	-.2526	.5927	.8992
.8500	-.2150	.6035	.8824
.9237	-.1819	.6130	.8676
.9749	-.1411	.6247	.8495

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1574	.9980	.0541
.0040	.6669	.8570	.4753
.0080	.4789	.8029	.5696
.0262	.3673	.7709	.6221
.0500	.3047	.7529	.6508
.1000	.1672	.7134	.7128
.1500	.0914	.6916	.7465
.2000	.0194	.6709	.7784
.2500	-.0491	.6512	.8087
.3500	-.2158	.6033	.8828
.4500	-.3806	.5559	.9573
.5500	-.3410	.5673	.9392
.6500	-.1495	.6223	.8532
.7500	-.0185	.6600	.7952
.8000	.0231	.6719	.7768
.8500	.0534	.6806	.7633
.9000	.0702	.6855	.7559
.9500	.0245	.6723	.7761

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.0869	.3529	1.3186
.5000	.5427	-1.0803	.3548	1.3147
.5000	.3454	-.8072	.4333	1.1637
.5000	.1480	-.8473	.4218	1.1847
.5000	-.1480	-.7913	.4379	1.1555
.5000	-.5427	-.9175	.4016	1.2223
.5000	-.7401	-1.1035	.3481	1.3286

PT 4.2900 ATM
 TT 124.7761 K
 RC 15.0289 MILLION
 MACH .7847
 ALPHA 3.5233 DEG

CN .5785
 CM -.0557
 CC .0173

CD2 .04863
 CD3 .05307
 CD4 .06193
 CD5 .06403
 CD6 .05644

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1584	.9983	.0491
.0040	.3742	.7731	.6184
.0150	-.0852	.6412	.8241
.0250	-.2285	.6000	.8878
.0400	-.5198	.5164	1.0211
.0600	-.6990	.4649	1.1078
.0800	-.8133	.4321	1.1659
.1000	-.8882	.4106	1.2053
.1400	-.9718	.3866	1.2511
.1799	-1.0576	.3619	1.3001
.2201	-1.0826	.3548	1.3148
.2600	-1.0861	.3538	1.3169
.3000	-1.0994	.3500	1.3247
.3400	-1.1194	.3442	1.3368
.3801	-1.1089	.3472	1.3304
.4199	-1.1102	.3468	1.3312
.4600	-.9399	.3957	1.2334
.5000	-.6826	.4696	1.0997
.5400	-.5252	.5149	1.0237
.5799	-.4765	.5288	1.0008
.6201	-.4313	.5418	.9798
.6600	-.3937	.5526	.9625
.7000	-.3596	.5624	.9469
.7500	-.3207	.5736	.9292
.8000	-.2817	.5848	.9116
.8500	-.2454	.5952	.8953
.9237	-.2188	.6028	.8834
.9749	-.1756	.6152	.8642

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1584	.9983	.0491
.0040	.7340	.8764	.4386
.0080	.5453	.8222	.5369
.0262	.4120	.7840	.6008
.0500	.3442	.7645	.6323
.1000	.1984	.7226	.6984
.1500	.1183	.6996	.7341
.2000	.0428	.6780	.7675
.2500	-.0283	.6575	.7989
.3500	-.1983	.6087	.8743
.4500	-.3678	.5600	.9507
.5500	-.3420	.5675	.9389
.6500	-.1570	.6206	.8559
.7500	-.0297	.6571	.7995
.8000	.0099	.6685	.7820
.8500	.0376	.6765	.7698
.9000	.0520	.6806	.7634
.9500	.0015	.6661	.7858

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.0850	.3541	1.3162
.5000	.5427	-.6972	.4655	1.1069
.5000	.3454	-.5821	.4985	1.0508
.5000	.1480	-.6368	.4828	1.0772
.5000	-.1480	-.6124	.4898	1.0653
.5000	-.5427	-.6483	.4795	1.0828
.5000	-.7401	-1.0122	.3750	1.2738

PT 4.2905 ATM
TT 124.7005 K
RC 15.0548 MILLION
MACH .7857
ALPHA 4.0158 DEG

CN .5897
CM -.0523
CC .0180

CD2 .05303
CD3 .05708
CD4 .06545
CD5 .07043
CD6 .06603

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1578	.9981	.0528
.0040	.3164	.7562	.6455
.0150	-.1250	.6294	.8423
.0250	-.2659	.5889	.9052
.0400	-.5653	.5028	1.0436
.0600	-.7422	.4520	1.1305
.0800	-.8546	.4197	1.1886
.1000	-.9226	.4001	1.2251
.1400	-1.0033	.3769	1.2700
.1799	-1.0870	.3529	1.3187
.2201	-1.1119	.3457	1.3337
.2600	-1.1148	.3449	1.3354
.3000	-1.1259	.3417	1.3421
.3400	-1.1473	.3355	1.3553
.3801	-1.1315	.3401	1.3456
.4199	-1.0775	.3556	1.3131
.4600	-.7611	.4465	1.1400
.5000	-.5771	.4994	1.0492
.5400	-.5063	.5198	1.0156
.5799	-.4747	.5288	1.0008
.6201	-.4357	.5401	.9826
.6600	-.4022	.5497	.9672
.7000	-.3746	.5576	.9545
.7500	-.3377	.5682	.9377
.8000	-.2993	.5793	.9203
.8500	-.2627	.5898	.9038
.9237	-.2510	.5932	.8985
.9749	-.1977	.6085	.8747

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1578	.9981	.0528
.0040	.7873	.8916	.4087
.0080	.5968	.8368	.5116
.0262	.4526	.7954	.5821
.0500	.3825	.7752	.6150
.1000	.2265	.7304	.6862
.1500	.1436	.7066	.7233
.2000	.0627	.6833	.7592
.2500	-.0081	.6630	.7905
.3500	-.1865	.6117	.8697
.4500	-.3609	.5616	.9482
.5500	-.3417	.5671	.9395
.6500	-.1631	.6184	.8593
.7500	-.0425	.6531	.8058
.8000	-.0047	.6639	.7891
.8500	.0254	.6726	.7757
.9000	.0369	.6759	.7706
.9500	-.0187	.6599	.7952

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.8579	.4187	1.1903
.5000	.5427	-.5819	.4981	1.0515
.5000	.3454	-.5353	.5114	1.0293
.5000	.1480	-.5572	.5051	1.0397
.5000	-.1480	-.5631	.5035	1.0425
.5000	-.5427	-.5764	.4996	1.0489
.5000	-.7401	-.7186	.4588	1.1186

PT 4.2537 ATM
TT 124.6823 K
RC 15.0289 MILLION
MACH .7951
ALPHA -.9776 DEG

CN .2209
CM -.0808
CC .0150

CD2 .01280
CD3 .01213
CD4 .01213
CD5 .01196
CD6 .01093

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0967	.9793	.1734
.0040	.9690	.9421	.2933
.0150	.5123	.8093	.5569
.0250	.2875	.7439	.6650
.0400	.0261	.6679	.7830
.0600	-.1692	.6111	.8706
.0800	-.3171	.5681	.9380
.1000	-.4006	.5438	.9767
.1400	-.4863	.5188	1.0171
.1799	-.5803	.4915	1.0625
.2201	-.5954	.4871	1.0699
.2600	-.5911	.4884	1.0678
.3000	-.5952	.4872	1.0698
.3400	-.5964	.4868	1.0703
.3801	-.5939	.4875	1.0691
.4199	-.5896	.4888	1.0670
.4600	-.5806	.4914	1.0626
.5000	-.6062	.4840	1.0752
.5400	-.6509	.4710	1.0974
.5799	-.7028	.4559	1.1236
.6201	-.7659	.4375	1.1561
.6600	-.8570	.4110	1.2046
.7000	-.8519	.4125	1.2018
.7500	-.8459	.5597	.9512
.8000	-.1825	.6072	.8766
.8500	-.0526	.6450	.8182
.9237	.0988	.6890	.7504
.9749	.1525	.7046	.7263

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0967	.9793	.1734
.0040	-.2984	.5735	.9293
.0080	-.5147	.5106	1.0307
.0262	-.2244	.5950	.8956
.0500	-.1520	.6161	.8629
.1000	-.2021	.6015	.8855
.1500	-.2242	.5951	.8955
.2000	-.2571	.5855	.9105
.2500	-.3001	.5730	.9301
.3500	-.4450	.5309	.9975
.4500	-.6341	.4759	1.0890
.5500	-.3668	.5536	.9609
.6500	-.1277	.6231	.8519
.7500	.0374	.6712	.7779
.8000	.0981	.6888	.7507
.8500	.1481	.7034	.7282
.9000	.1905	.7157	.7091
.9500	.2023	.7191	.7038

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6139	.4817	1.0790
.5000	.5427	-.6318	.4765	1.0878
.5000	.3454	-.6318	.4765	1.0879
.5000	.1480	-.6227	.4792	1.0834
.5000	-.1480	-.6080	.4835	1.0761
.5000	-.5427	-.6320	.4765	1.0879
.5000	-.7401	-.6238	.4789	1.0839

PT	4.2539	ATM	CN	.3781		
TT	124.7746	K	CM	-.0838	CD2	.01552
RC	14.9888	MILLION	CC	.0154	CD3	.01382
MACH	.7927				CD4	.01309
ALPHA	.0102	DEG			CD5	.01270
					CD6	.01168

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1462	.9937	.0949	0.0000	1.1462	.9937	.0949	.5000	.7401	-.7668	.4376	1.1560
.0040	.8421	.9053	.3801	.0040	.0580	.6774	.7684	.5000	.5427	-.7943	.4296	1.1704
.0150	.3640	.7663	.6294	.0080	-.1199	.6257	.8480	.5000	.3454	-.8289	.4195	1.1888
.0250	.1489	.7038	.7276	.0262	-.0081	.6582	.7979	.5000	.1480	-.8434	.4153	1.1966
.0400	-.1215	.6252	.8488	.0500	.0034	.6615	.7928	.5000	-.1480	-.8513	.4130	1.2008
.0600	-.3082	.5709	.9334	.1000	-.0740	.6390	.8275	.5000	-.5427	-.7970	.4288	1.1718
.0800	-.4536	.5286	1.0011	.1500	-.1147	.6272	.8457	.5000	-.7401	-.7599	.4396	1.1524
.1000	-.5456	.5019	1.0451	.2000	-.1612	.6137	.8666					
.1400	-.6304	.4772	1.0866	.2500	-.2128	.5986	.8900					
.1799	-.7059	.4553	1.1246	.3500	-.3620	.5553	.9582					
.2201	-.7370	.4462	1.1405	.4500	-.5209	.5091	1.0332					
.2600	-.7474	.4432	1.1459	.5500	-.3528	.5579	.9540					
.3000	-.7614	.4392	1.1532	.6500	-.1200	.6256	.8481					
.3400	-.7803	.4337	1.1630	.7500	.0405	.6723	.7762					
.3801	-.7827	.4330	1.1643	.8000	.0983	.6891	.7503					
.4199	-.7992	.4282	1.1730	.8500	.1455	.7028	.7291					
.4600	-.8100	.4250	1.1787	.9000	.1846	.7142	.7115					
.5000	-.8442	.4151	1.1970	.9500	.1893	.7155	.7094					
.5400	-.8735	.4066	1.2129									
.5799	-.9042	.3976	1.2298									
.6201	-.9439	.3861	1.2520									
.6600	-.9209	.3928	1.2391									
.7000	-.4781	.5215	1.0127									
.7500	-.2898	.5763	.9250									
.8000	-.1690	.6114	.8701									
.8500	-.0597	.6432	.8210									
.9237	.0782	.6832	.7593									
.9749	.1316	.6988	.7354									

PT	4.2537	ATM	CN	.4595		
TT	124.6725	K	CM	-.0796	CD2	.03060
RC	14.9930	MILLION	CC	.0163	CD3	.02822
MACH	.7915				CD4	.02501
ALPHA	1.0488	DEG			CD5	.02066
					CD6	.01702

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1606	.9980	.0533	0.0000	1.1606	.9980	.0533	.5000	.7401	-.9054	.3981	1.2290
.0040	.7093	.8670	.4567	.0040	.3173	.7531	.6504	.5000	.5427	-.9343	.3897	1.2451
.0150	.2295	.7276	.6906	.0080	.1386	.7012	.7316	.5000	.3454	-.9663	.3804	1.2632
.0250	.0312	.6700	.7797	.0262	.1465	.7035	.7280	.5000	.1480	-.9605	.3821	1.2599
.0400	-.2470	.5892	.9046	.0500	.1205	.6960	.7397	.5000	-.1480	-.9657	.3806	1.2628
.0600	-.4198	.5391	.9842	.1000	.0239	.6679	.7829	.5000	-.5427	-.9496	.3852	1.2537
.0800	-.5601	.4983	1.0510	.1500	-.0316	.6518	.8077	.5000	-.7401	-.9161	.3950	1.2349
.1000	-.6547	.4709	1.0976	.2000	-.0876	.6355	.8328					
.1400	-.7474	.4439	1.1446	.2500	-.1473	.6182	.8596					
.1799	-.8227	.4221	1.1841	.3500	-.3008	.5736	.9292					
.2201	-.8535	.4131	1.2006	.4500	-.4592	.5276	1.0027					
.2600	-.8564	.4123	1.2022	.5500	-.3517	.5588	.9526					
.3000	-.8699	.4084	1.2095	.6500	-.1302	.6232	.8519					
.3400	-.8923	.4019	1.2218	.7500	.0212	.6671	.7841					
.3801	-.8901	.4025	1.2205	.8000	.0723	.6820	.7613					
.4199	-.9078	.3974	1.2303	.8500	.1074	.6922	.7456					
.4600	-.9173	.3946	1.2356	.9000	.1346	.7001	.7334					
.5000	-.9615	.3818	1.2605	.9500	.2212	.7252	.6943					
.5400	-.9915	.3731	1.2777									
.5799	-.9575	.3830	1.2582									
.6201	-.6144	.4826	1.0776									
.6600	-.4205	.5389	.9846									
.7000	-.3390	.5625	.9467									
.7500	-.2540	.5872	.9078									
.8000	-.1853	.6072	.8767									
.8500	-.1337	.6222	.8534									
.9237	-.0545	.6452	.8180									
.9749	-.0225	.6545	.8037									

PT 4.2541 ATM
TT 124.6739 K
RC 15.0302 MILLION
MACH .7949
ALPHA 1.5274 DEG

CN .4633
CM -.0669
CC .0178

C02 .03921
C03 .03556
C04 .03354
C05 .02948
C06 .02265

UPPER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	1.1671	.9998	.0176
.0040	.6637	.8534	.4818
.0150	.1856	.7144	.7111
.0250	-.0053	.6589	.7968
.0400	-.2870	.5770	.9238
.0600	-.4542	.5284	1.0015
.0800	-.5930	.4880	1.0683
.1000	-.6854	.4612	1.1143
.1400	-.7823	.4330	1.1642
.1799	-.8619	.4099	1.2067
.2201	-.8907	.4015	1.2225
.2600	-.8939	.4006	1.2242
.3000	-.9066	.3969	1.2313
.3400	-.9285	.3905	1.2435
.3801	-.9242	.3918	1.2411
.4199	-.9398	.3872	1.2499
.4600	-.9482	.3848	1.2546
.5000	-.9959	.3709	1.2820
.5400	-1.0054	.3681	1.2875
.5799	-.6714	.4653	1.1072
.6201	-.4355	.5338	.9927
.6600	-.3577	.5565	.9564
.7000	-.3106	.5701	.9346
.7500	-.2506	.5876	.9072
.8000	-.2021	.6017	.8852
.8500	-.1712	.6107	.8712
.9237	-.1080	.6291	.8428
.9749	-.0861	.6354	.8330

LOWER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	1.1671	.9998	.0176
.0040	.4142	.7809	.6058
.0080	.2292	.7271	.6914
.0262	.2007	.7188	.7043
.0500	.1639	.7081	.7209
.1000	.0618	.6784	.7667
.1500	.0009	.6607	.7940
.2000	-.0608	.6428	.8216
.2500	-.1221	.6250	.8491
.3500	-.2796	.5792	.9204
.4500	-.4466	.5306	.9979
.5500	-.3571	.5566	.9561
.6500	-.1386	.6202	.8566
.7500	.0081	.6628	.7908
.8000	.0558	.6767	.7694
.8500	.0874	.6859	.7553
.9000	.1091	.6922	.7456
.9500	.0742	.6820	.7612

SPANWISE

X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.9464	.3853	1.2536
.5000	.5427	-.9760	.3767	1.2705
.5000	.3454	-1.0064	.3678	1.2881
.5000	.1480	-.9982	.3702	1.2833
.5000	-.1480	-1.0007	.3695	1.2848
.5000	-.5427	-.9872	.3734	1.2770
.5000	-.7401	-.9539	.3831	1.2578

PT 4.2538 ATM
TT 124.7309 K
RC 14.9995 MILLION
MACH .7931
ALPHA 2.0060 DEG

CN .4888
CM -.0629
CC .0181

C02 .04139
C03 .04277
C04 .04161
C05 .03653
C06 .02773

UPPER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	1.1573	.9969	.0670
.0040	.6026	.8355	.5139
.0150	.1242	.6963	.7392
.0250	-.0578	.6433	.8208
.0400	-.3414	.5608	.9494
.0600	-.5071	.5126	1.0273
.0800	-.6425	.4732	1.0935
.1000	-.7293	.4480	1.1375
.1400	-.8273	.4194	1.1890
.1799	-.9076	.3961	1.2328
.2201	-.9351	.3881	1.2482
.2600	-.9412	.3863	1.2516
.3000	-.9539	.3826	1.2588
.3400	-.9724	.3772	1.2694
.3801	-.9700	.3779	1.2680
.4199	-.9829	.3742	1.2755
.4600	-.9911	.3718	1.2802
.5000	-1.0351	.3590	1.3061
.5400	-.9545	.3824	1.2591
.5799	-.5425	.5023	1.0444
.6201	-.4203	.5379	.9861
.6600	-.3644	.5541	.9601
.7000	-.3230	.5662	.9409
.7500	-.2670	.5825	.9152
.8000	-.2221	.5955	.8948
.8500	-.1814	.6074	.8764
.9237	-.1465	.6175	.8606
.9749	-.1091	.6284	.8438

LOWER SURFACE

X/C	CP	P,L/PT	MLOC
0.0000	1.1573	.9969	.0670
.0040	.4909	.8030	.5695
.0080	.3059	.7492	.6567
.0262	.2558	.7346	.6797
.0500	.2094	.7211	.7008
.1000	.0914	.6868	.7539
.1500	.0257	.6676	.7834
.2000	-.0394	.6487	.8125
.2500	-.1036	.6300	.8413
.3500	-.2679	.5822	.9156
.4500	-.4389	.5325	.9949
.5500	-.3632	.5545	.9595
.6500	-.1512	.6162	.8627
.7500	-.0108	.6570	.7997
.8000	.0346	.6702	.7794
.8500	.0676	.6798	.7646
.9000	.0869	.6855	.7559
.9500	.0468	.6738	.7739

SPANWISE

X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.9876	.3728	1.2782
.5000	.5427	-1.0189	.3637	1.2964
.5000	.3454	-1.0476	.3554	1.3135
.5000	.1480	-1.0384	.3580	1.3080
.5000	-.1480	-1.0374	.3583	1.3074
.5000	-.5427	-1.0388	.3579	1.3083
.5000	-.7401	-1.0034	.3682	1.2874

PT 4.2631 ATM
 TT 124.7049 K
 RC 15.0825 MILLION
 MACH .7974
 ALPHA 2.4948 DEG

CN .5005
 CM -.0593
 CC .0198

CD2 .04096
 CD3 .04548
 CD4 .05320
 CD5 .05214
 CD6 .04061

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1619	.9978	.0556
.0040	.5581	.8214	.5383
.0150	.0852	.6833	.7593
.0250	-.0820	.6344	.8345
.0400	-.3752	.5487	.9687
.0600	-.5437	.4995	1.0490
.0800	-.6602	.4655	1.1068
.1000	-.7544	.4380	1.1553
.1400	-.8505	.4099	1.2067
.1799	-.9345	.3854	1.2535
.2201	-.9609	.3776	1.2686
.2600	-.9667	.3759	1.2719
.3000	-.9805	.3719	1.2800
.3400	-.9995	.3664	1.2911
.3801	-.9966	.3672	1.2894
.4199	-1.0090	.3636	1.2967
.4600	-1.0163	.3614	1.3011
.5000	-1.0544	.3503	1.3240
.5400	-.7306	.4449	1.1429
.5799	-.4823	.5175	1.0194
.6201	-.4064	.5396	.9833
.6600	-.3616	.5527	.9623
.7000	-.3276	.5627	.9465
.7500	-.2830	.5757	.9259
.8000	-.2432	.5873	.9077
.8500	-.2120	.5964	.8934
.9237	-.1798	.6058	.8788
.9749	-.1471	.6154	.8639

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1619	.9978	.0556
.0040	.5615	.8224	.5366
.0080	.3729	.7673	.6278
.0262	.3006	.7462	.6614
.0500	.2453	.7300	.6868
.1000	.1207	.6936	.7433
.1500	.0502	.6730	.7750
.2000	-.0178	.6532	.8056
.2500	-.0858	.6333	.8362
.3500	-.2544	.5840	.9128
.4500	-.4369	.5307	.9977
.5500	-.3760	.5485	.9690
.6500	-.1630	.6107	.8711
.7500	-.0242	.6513	.8085
.8000	.0197	.6641	.7888
.8500	.0499	.6730	.7752
.9000	.0677	.6781	.7672
.9500	.0236	.6653	.7870

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.0167	.3613	1.3013
.5000	.5427	-1.0534	.3506	1.3234
.5000	.3454	-1.0116	.3628	1.2983
.5000	.1480	-.9989	.3665	1.2908
.5000	-.1480	-.9897	.3692	1.2854
.5000	-.5427	-1.0677	.3464	1.3321
.5000	-.7401	-1.0336	.3564	1.3114

PT 4.2629 ATM
 TT 124.7236 K
 RC 15.0793 MILLION
 MACH .7975
 ALPHA 3.0243 DEG

CN .5214
 CM -.0560
 CC .0208

CD2 .04532
 CD3 .05101
 CD4 .06175
 CD5 .06168
 CD6 .05099

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1657	.9990	.0384
.0040	.4953	.8031	.5693
.0150	.0331	.6681	.7827
.0250	-.1272	.6212	.8549
.0400	-.4204	.5356	.9899
.0600	-.5983	.4836	1.0759
.0800	-.7047	.4525	1.1295
.1000	-.7956	.4260	1.1770
.1400	-.8860	.3995	1.2262
.1799	-.9703	.3749	1.2740
.2201	-.9968	.3672	1.2895
.2600	-1.0029	.3654	1.2931
.3000	-1.0168	.3613	1.3013
.3400	-1.0354	.3559	1.3125
.3801	-1.0314	.3571	1.3100
.4199	-1.0438	.3534	1.3175
.4600	-1.0394	.3547	1.3149
.5000	-.9141	.3913	1.2419
.5400	-.5406	.5004	1.0475
.5799	-.4514	.5265	1.0046
.6201	-.4037	.5404	.9820
.6600	-.3682	.5508	.9654
.7000	-.3405	.5589	.9524
.7500	-.3033	.5698	.9352
.8000	-.2683	.5800	.9191
.8500	-.2367	.5892	.9046
.9237	-.2153	.5955	.8949
.9749	-.1765	.6068	.8772

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1657	.9990	.0384
.0040	.6401	.8454	.4963
.0080	.4514	.7903	.5905
.0262	.3519	.7612	.6375
.0500	.2920	.7437	.6653
.1000	.1573	.7043	.7267
.1500	.0821	.6824	.7607
.2000	.0096	.6612	.7933
.2500	-.0600	.6409	.8246
.3500	-.2341	.5900	.9034
.4500	-.4201	.5357	.9897
.5500	-.3751	.5488	.9686
.6500	-.1682	.6093	.8734
.7500	-.0345	.6483	.8131
.8000	-.0014	.6580	.7982
.8500	.0374	.6693	.7808
.9000	.0523	.6737	.7741
.9500	.0027	.6592	.7964

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.0499	.3517	1.3212
.5000	.5427	-1.0141	.3621	1.2997
.5000	.3454	-.6752	.4611	1.1144
.5000	.1480	-.7221	.4474	1.1385
.5000	-.1480	-.7144	.4497	1.1345
.5000	-.5427	-.8521	.4094	1.2075
.5000	-.7401	-1.0698	.3458	1.3333

PT 4.2628 ATM
 TT 124.7279 K
 RC 15.0598 MILLION
 MACH .7957
 ALPHA 3.5029 DEG

CN .5382
 CM -.0535
 CC .0213

CD2 .05004
 CD3 .05469
 CD4 .06536
 CD5 .06756
 CD6 .05998

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1643	.9986	.0441	0.0000	1.1643	.9986	.0441	.5000	.7401	-1.0813	.3431	1.3390
.0040	.4308	.7845	.5999	.0040	.7042	.8643	.4617	.5000	.5427	-.6902	.4573	1.1211
.0150	-.0240	.6518	.8078	.0080	.5150	.8091	.5592	.5000	.3454	-.5394	.5013	1.0460
.0250	-.1733	.6082	.8751	.0262	.3908	.7729	.6189	.5000	.1480	-.5675	.4931	1.0597
.0400	-.4658	.5228	1.0106	.0500	.3241	.7534	.6500	.5000	-.1480	-.5848	.4881	1.0683
.0600	-.6452	.4704	1.0983	.1000	.1855	.7129	.7134	.5000	-.5427	-.6064	.4818	1.0789
.0800	-.7553	.4383	1.1547	.1500	.1053	.6895	.7497	.5000	-.7401	-1.0157	.3623	1.2993
.1000	-.8369	.4145	1.1981	.2000	.0306	.6677	.7833					
.1400	-.9224	.3895	1.2454	.2500	-.0422	.6464	.8160					
.1799	-1.0084	.3644	1.2950	.3500	-.2167	.5955	.8948					
.2201	-1.0341	.3569	1.3103	.4500	-.4066	.5401	.9826					
.2600	-1.0397	.3553	1.3137	.5500	-.3798	.5479	.9700					
.3000	-1.0530	.3514	1.3217	.6500	-.1756	.6075	.8761					
.3400	-1.0740	.3453	1.3345	.7500	-.0425	.6464	.8161					
.3801	-1.0669	.3473	1.3302	.8000	-.0022	.6581	.7980					
.4199	-1.0779	.3441	1.3369	.8500	.0233	.6656	.7865					
.4600	-.9669	.3765	1.2708	.9000	.0369	.6695	.7804					
.5000	-.6473	.4698	1.0994	.9500	-.0164	.6540	.8044					
.5400	-.4922	.5151	1.0232									
.5799	-.4497	.5275	1.0030									
.6201	-.4096	.5392	.9840									
.6600	-.3785	.5483	.9694									
.7000	-.3539	.5555	.9579									
.7500	-.3193	.5656	.9419									
.8000	-.2922	.5735	.9294									
.8500	-.2699	.5800	.9191									
.9237	-.2431	.5878	.9069									
.9749	-.2114	.5971	.8924									

PT 3.9530 ATM
 TT 118.9559 K
 RC 15.1233 MILLION
 MACH .8093
 ALPHA -.9979 DEG

CN .2010
 CM -.0775
 CC .0181

CD2 .01528
 CD3 .01535
 CD4 .01538
 CD5 .01523
 CD6 .01391

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0950	.9766	.1844	0.0000	1.0950	.9766	.1844	.5000	.7401	-.6228	.4676	1.1035
.0040	.9851	.9441	.2884	.0040	-.2861	.5673	.9394	.5000	.5427	-.6283	.4659	1.1064
.0150	.5299	.8092	.5594	.0080	-.5161	.4992	1.0499	.5000	.3454	-.6347	.4640	1.1097
.0250	.3068	.7431	.6666	.0262	-.2192	.5872	.9082	.5000	.1480	-.6556	.4578	1.1204
.0400	.0464	.6659	.7864	.0500	-.1528	.6068	.8775	.5000	-.1480	-.6721	.4529	1.1290
.0600	-.1492	.6079	.8758	.1000	-.2055	.5912	.9018	.5000	-.5427	-.6238	.4673	1.1041
.0800	-.2559	.5644	.9440	.1500	-.2281	.5845	.9123	.5000	-.7401	-.6244	.4671	1.1044
.1000	-.3765	.5406	.9821	.2000	-.2622	.5744	.9282					
.1400	-.4716	.5124	1.0280	.2500	-.3033	.5622	.9475					
.1799	-.5638	.4850	1.0736	.3500	-.4530	.5179	1.0190					
.2201	-.5867	.4782	1.0852	.4500	-.6464	.4606	1.1157					
.2600	-.5796	.4803	1.0816	.5500	-.5876	.4780	1.0856					
.3000	-.5984	.4748	1.0911	.6500	-.1215	.6161	.8631					
.3400	-.6115	.4709	1.0978	.7500	.0388	.6636	.7898					
.3801	-.6040	.4731	1.0940	.8000	.0988	.6814	.7625					
.4199	-.6313	.4650	1.1079	.8500	.1454	.6952	.7412					
.4600	-.6367	.4634	1.1107	.9000	.1846	.7068	.7232					
.5000	-.6672	.4544	1.1265	.9500	.1911	.7088	.7202					
.5400	-.6905	.4475	1.1386									
.5799	-.7207	.4385	1.1546									
.6201	-.7517	.4293	1.1711									
.6600	-.8345	.4048	1.2164									
.7000	-.8088	.4124	1.2022									
.7500	-.3322	.5537	.9611									
.8000	-.1689	.6021	.8849									
.8500	-.0528	.6365	.8316									
.9237	.0758	.6746	.7730									
.9749	.0837	.6769	.7694									

PT 3.9528 ATM
 TT 119.0099 K
 RC 15.0629 MILLION
 MACH .8044
 ALPHA .0112 DEG

CN .3551
 CM -.0817
 CC .0170

CD2 .02255
 CD3 .02112
 CD4 .01756
 CD5 .01622
 CD6 .01462

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1450	.9924	.1048	0.0000	1.1450	.9924	.1048	.5000	.7401	-.7632	.4320	1.1663
.0040	.8595	.9085	.3733	.0040	.0464	.6698	.7804	.5000	.5427	-.7885	.4246	1.1797
.0150	.3628	.7685	.6261	.0080	-.1249	.6195	.8579	.5000	.3454	-.8245	.4140	1.1992
.0250	.1673	.7053	.7256	.0262	-.0196	.6504	.8102	.5000	.1480	-.8334	.4114	1.2041
.0400	-.1031	.6259	.8480	.0500	.0006	.6563	.8011	.5000	-.1480	-.8419	.4089	1.2088
.0600	-.2886	.5714	.9330	.1000	-.0788	.6330	.8370	.5000	-.5427	-.7930	.4233	1.1822
.0800	-.4343	.5286	1.0015	.1500	-.1199	.6209	.8556	.5000	-.7401	-.7580	.4336	1.1635
.1000	-.5192	.5037	1.0424	.2000	-.1673	.6070	.8772					
.1400	-.6155	.4754	1.0901	.2500	-.2177	.5922	.9003					
.1799	-.6873	.4543	1.1266	.3500	-.3721	.5469	.9720					
.2201	-.7203	.4446	1.1437	.4500	-.5560	.4929	1.0605					
.2600	-.7188	.4451	1.1429	.5500	-.3576	.5511	.9652					
.3000	-.7454	.4372	1.1568	.6500	-.1245	.6196	.8577					
.3400	-.7677	.4307	1.1687	.7500	.0348	.6664	.7856					
.3801	-.7544	.4346	1.1616	.8000	.0923	.6833	.7596					
.4199	-.7858	.4254	1.1783	.8500	.1365	.6962	.7396					
.4600	-.7909	.4239	1.1811	.9000	.1712	.7064	.7239					
.5000	-.8314	.4120	1.2030	.9500	.1655	.7047	.7264					
.5400	-.8655	.4020	1.2218									
.5799	-.8919	.3942	1.2365									
.6201	-.9227	.3852	1.2540									
.6600	-.7671	.4309	1.1683									
.7000	-.4340	.5287	1.0013									
.7500	-.2720	.5763	.9253									
.8000	-.1661	.6074	.8767									
.8500	-.0797	.6327	.8374									
.9237	.0295	.6648	.7880									
.9749	.0535	.6718	.7772									

PT 3.9527 ATM
 TT 118.9819 K
 RC 15.0576 MILLION
 MACH .8035
 ALPHA 1.0272 DEG

CN .4105
 CM -.0681
 CC .0195

CD2 .03479
 CD3 .03430
 CD4 .02963
 CD5 .02408
 CD6 .01942

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1606	.9968	.0676	0.0000	1.1606	.9968	.0676	.5000	.7401	-.8813	.3964	1.2324
.0040	.7477	.8754	.4409	.0040	.2818	.7384	.6739	.5000	.5427	-.9142	.3867	1.2510
.0150	.2669	.7340	.6808	.0080	.1107	.6881	.7522	.5000	.3454	-.9422	.3785	1.2671
.0250	.0781	.6785	.7669	.0262	.2422	.7268	.6922	.5000	.1480	-.9347	.3807	1.2628
.0400	-.2120	.5932	.8987	.0500	.1072	.6871	.7537	.5000	-.1480	-.9416	.3787	1.2668
.0600	-.3847	.5424	.9791	.1000	.0094	.6583	.7980	.5000	-.5427	-.9235	.3840	1.2564
.0800	-.5266	.5007	1.0474	.1500	-.0455	.6422	.8229	.5000	-.7401	-.8867	.3948	1.2354
.1000	-.6144	.4749	1.0910	.2000	-.1021	.6255	.8486					
.1400	-.7172	.4447	1.1436	.2500	-.1606	.6083	.8752					
.1799	-.7880	.4238	1.1811	.3500	-.3218	.5609	.9496					
.2201	-.8217	.4139	1.1994	.4500	-.5068	.5065	1.0377					
.2600	-.8127	.4166	1.1945	.5500	-.3738	.5456	.9739					
.3000	-.8399	.4086	1.2094	.6500	-.1434	.6134	.8673					
.3400	-.8652	.4011	1.2234	.7500	.0072	.6577	.7990					
.3801	-.8469	.4065	1.2132	.8000	.0584	.6727	.7758					
.4199	-.8787	.3972	1.2310	.8500	.0925	.6828	.7604					
.4600	-.8799	.3968	1.2316	.9000	.1159	.6896	.7498					
.5000	-.9324	.3814	1.2614	.9500	.0839	.6802	.7643					
.5400	-.9659	.3715	1.2810									
.5799	-.8872	.3947	1.2357									
.6201	-.5127	.5048	1.0406									
.6600	-.3701	.5467	.9722									
.7000	-.3109	.5641	.9445									
.7500	-.2476	.5828	.9151									
.8000	-.1942	.5984	.8905									
.8500	-.1538	.6103	.8721									
.9237	-.0981	.6267	.8467									
.9749	-.0659	.6362	.8321									

PT 3.9527 ATM
 TT 118.9730 K
 RC 15.0449 MILLION
 MACH .8021
 ALPHA 1.5154 DEG

CN .4273
 CM -.0625
 CC .0195

CD2 .03833
 CD3 .03911
 CD4 .03828
 CD5 .03384
 CD6 .02468

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1605	.9966	.0694	0.0000	1.1605	.9966	.0694	.5000	.7401	-.9236	.3828	1.2587
.0040	.6935	.8591	.4716	.0040	.3758	.7655	.6310	.5000	.5427	-.9553	.3735	1.2771
.0150	.2119	.7173	.7070	.0080	.2007	.7140	.7121	.5000	.3454	-.9828	.3654	1.2934
.0250	.0324	.6644	.7887	.0262	.1814	.7083	.7210	.5000	.1480	-.9736	.3681	1.2879
.0400	-.2614	.5779	.9228	.0500	.1541	.7002	.7334	.5000	-.1480	-.9791	.3665	1.2911
.0600	-.4277	.5288	1.0011	.1000	.0455	.6682	.7827	.5000	-.5427	-.9657	.3704	1.2832
.0800	-.5672	.4878	1.0691	.1500	-.0151	.6504	.8102	.5000	-.7401	-.9329	.3801	1.2641
.1000	-.6533	.4624	1.1124	.2000	-.0761	.6324	.8379					
.1400	-.7591	.4313	1.1677	.2500	-.1375	.6143	.8659					
.1799	-.8341	.4092	1.2083	.3500	-.3034	.5655	.9423					
.2201	-.8653	.4000	1.2256	.4500	-.4915	.5101	1.0318					
.2600	-.8552	.4029	1.2200	.5500	-.3822	.5423	.9794					
.3000	-.8817	.3951	1.2348	.6500	-.1541	.6094	.8734					
.3400	-.9058	.3881	1.2485	.7500	-.0078	.6525	.8069					
.3801	-.8850	.3942	1.2367	.8000	.0407	.6668	.7849					
.4199	-.9134	.3858	1.2528	.8500	.0731	.6763	.7703					
.4600	-.9130	.3859	1.2526	.9000	.0930	.6822	.7612					
.5000	-.9699	.3691	1.2857	.9500	.0537	.6707	.7790					
.5400	-.9862	.3644	1.2954									
.5799	-.6417	.4658	1.1065									
.6201	-.4150	.5326	.9950									
.6600	-.3411	.5544	.9600									
.7000	-.3025	.5657	.9419									
.7500	-.2517	.5807	.9183									
.8000	-.2106	.5928	.8994									
.8500	-.1766	.6028	.8838									
.9237	-.1406	.6134	.8673									
.9749	-.0978	.6260	.8478									

PT 3.9532 ATM
 TT 118.9529 K
 RC 15.1111 MILLION
 MACH .8080
 ALPHA 1.9962 DEG

CN .4600
 CM -.0608
 CC .0202

CD2 .04016
 CD3 .04559
 CD4 .04992
 CD5 .04573
 CD6 .03387

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1626	.9975	.0593	0.0000	1.1626	.9975	.0593	.5000	.7401	-.9676	.3722	1.2797
.0040	.6365	.8431	.5007	.0040	.4693	.7940	.5846	.5000	.5427	-1.0025	.3619	1.3003
.0150	.1559	.7020	.7307	.0080	.2916	.7418	.6685	.5000	.3454	-1.0252	.3553	1.3139
.0250	-.0156	.6517	.8082	.0262	.2390	.7264	.6927	.5000	.1480	-1.0154	.3581	1.3080
.0400	-.3138	.5641	.9445	.0500	.1988	.7146	.7111	.5000	-.1480	-1.0160	.3580	1.3084
.0600	-.4744	.5170	1.0204	.1000	.0834	.6807	.7635	.5000	-.5427	-1.0155	.3581	1.3081
.0800	-.6172	.4751	1.0906	.1500	.0173	.6613	.7934	.5000	-.7401	-.9777	.3692	1.2856
.1000	-.6938	.4526	1.1296	.2000	-.0470	.6424	.8224					
.1400	-.8028	.4206	1.1871	.2500	-.1117	.6235	.8517					
.1799	-.8806	.3977	1.2299	.3500	-.2799	.5741	.9287					
.2201	-.9101	.3891	1.2465	.4500	-.4659	.5195	1.0164					
.2600	-.8991	.3923	1.2403	.5500	-.3818	.5442	.9763					
.3000	-.9271	.3841	1.2562	.6500	-.1590	.6096	.8733					
.3400	-.9500	.3773	1.2694	.7500	-.0157	.6516	.8083					
.3801	-.9272	.3840	1.2563	.8000	.0309	.6653	.7872					
.4199	-.9525	.3766	1.2709	.8500	.0618	.6744	.7733					
.4600	-.9510	.3771	1.2700	.9000	.0800	.6797	.7650					
.5000	-1.0096	.3598	1.3046	.9500	.0379	.6674	.7841					
.5400	-.9242	.3849	1.2545									
.5799	-.5083	.5070	1.0369									
.6201	-.3957	.5401	.9829									
.6600	-.3472	.5543	.9601									
.7000	-.3112	.5649	.9433									
.7500	-.2645	.5786	.9216									
.8000	-.2274	.5895	.9046									
.8500	-.2011	.5972	.8925									
.9237	-.1666	.6073	.8767									
.9749	-.1219	.6204	.8564									

PT 3.9529 ATM
 TT 118.9573 K
 RC 15.0871 MILLION
 MACH .8058
 ALPHA 2.5249 DEG

CN .4627
 CM -.0555
 CC .0224

CD2 .04276
 CD3 .05009
 CD4 .05819
 CD5 .05597
 CD6 .04345

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1620	.9966	.0701
.0040	.5981	.8296	.5245
.0150	.1195	.6878	.7526
.0250	-.0440	.6394	.8271
.0400	-.3414	.5513	.9648
.0600	-.5022	.5037	1.0423
.0800	-.6313	.4655	1.1071
.1000	-.7134	.4411	1.1499
.1400	-.8193	.4098	1.2071
.1799	-.8998	.3860	1.2525
.2201	-.9286	.3774	1.2692
.2600	-.9181	.3805	1.2631
.3000	-.9476	.3718	1.2804
.3400	-.9700	.3652	1.2937
.3801	-.9473	.3719	1.2802
.4199	-.9720	.3646	1.2949
.4600	-.9693	.3654	1.2933
.5000	-1.0200	.3503	1.3241
.5400	-.6418	.4623	1.1125
.5799	-.4476	.5199	1.0157
.6201	-.3832	.5390	.9847
.6600	-.3461	.5499	.9671
.7000	-.3204	.5575	.9549
.7500	-.2831	.5686	.9374
.8000	-.2540	.5772	.9238
.8500	-.2306	.5841	.9129
.9237	-.2091	.5905	.9030
.9749	-.1600	.6050	.8803

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1620	.9966	.0701
.0040	.5388	.8120	.5546
.0080	.3563	.7580	.6430
.0262	.2840	.7365	.6769
.0500	.2356	.7222	.6993
.1000	.1123	.6857	.7559
.1500	.0411	.6646	.7883
.2000	-.0269	.6445	.8193
.2500	-.0948	.6243	.8503
.3500	-.2685	.5729	.9306
.4500	-.4707	.5130	1.0269
.5500	-.4141	.5298	.9995
.6500	-.1735	.6011	.8865
.7500	-.0324	.6428	.8218
.8000	.0125	.6561	.8013
.8500	.0413	.6647	.7882
.9000	.0569	.6693	.7811
.9500	.0085	.6549	.8032

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.9875	.3600	1.3043
.5000	.5427	-1.0338	.3463	1.3326
.5000	.3454	-.9906	.3590	1.3061
.5000	.1480	-.9473	.3719	1.2802
.5000	-.1480	-.9425	.3733	1.2774
.5000	-.5427	-1.0427	.3436	1.3382
.5000	-.7401	-1.0046	.3549	1.3146

PT 3.9529 ATM
 TT 118.9440 K
 RC 15.1016 MILLION
 MACH .8070
 ALPHA 3.0088 DEG

CN .4922
 CM -.0540
 CC .0230

CD2 .04820
 CD3 .05446
 CD4 .06564
 CD5 .06407
 CD6 .05300

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1630	.9971	.0643
.0040	.5372	.8123	.5541
.0150	.0651	.6728	.7757
.0250	-.0910	.6267	.8467
.0400	-.3914	.5380	.9863
.0600	-.5588	.4885	1.0677
.0800	-.6736	.4547	1.1260
.1000	-.7578	.4298	1.1704
.1400	-.8604	.3995	1.2266
.1799	-.9408	.3757	1.2726
.2201	-.9688	.3674	1.2891
.2600	-.9585	.3705	1.2831
.3000	-.9885	.3616	1.3009
.3400	-1.0101	.3552	1.3140
.3801	-.9864	.3622	1.2997
.4199	-1.0113	.3549	1.3147
.4600	-1.0028	.3574	1.3096
.5000	-.8893	.3909	1.2429
.5400	-.5161	.5012	1.0466
.5799	-.4361	.5248	1.0077
.6201	-.3916	.5379	.9864
.6600	-.3592	.5475	.9710
.7000	-.3367	.5541	.9604
.7500	-.3064	.5631	.9461
.8000	-.2759	.5721	.9319
.8500	-.2505	.5796	.9200
.9237	-.2391	.5830	.9147
.9749	-.1783	.6009	.8867

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1630	.9971	.0643
.0040	.6127	.8346	.5158
.0080	.4348	.7820	.6043
.0262	.3366	.7530	.6509
.0500	.2833	.7373	.6757
.1000	.1477	.6972	.7381
.1500	.0727	.6751	.7722
.2000	-.0003	.6535	.8054
.2500	-.0689	.6333	.8366
.3500	-.2479	.5804	.9188
.4500	-.4469	.5216	1.0129
.5500	-.4020	.5349	.9913
.6500	-.1769	.6013	.8861
.7500	-.0418	.6412	.8243
.8000	.0011	.6539	.8048
.8500	.0316	.6629	.7909
.9000	.0447	.6668	.7850
.9500	-.0084	.6511	.8091

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.0246	.3510	1.3228
.5000	.5427	-1.0477	.3441	1.3371
.5000	.3454	-.7018	.4463	1.1407
.5000	.1480	-.6807	.4525	1.1297
.5000	-.1480	-.6881	.4503	1.1336
.5000	-.5427	-.8190	.4117	1.2036
.5000	-.7401	-1.0439	.3453	1.3348

PT	4.6772	ATM	CN	.2409	
TT	108.2370	K	CM	-.0760	CD2 .00900
RC	20.0256	MILLION	CC	.0126	CD3 .00888
MACH	.7697				CD4 .00883
ALPHA	-1.0081	DEG			CD5 .00882
					CD6 .00844

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0973	.9835	.1550	0.0000	1.0973	.9835	.1550	.5000	.7401	-.5844	.5157	1.0242
.0040	.9269	.9361	.3097	.0040	-.2278	.6149	.8665	.5000	.5427	-.6136	.5076	1.0376
.0150	.4514	.8038	.5694	.0080	-.4001	.5670	.9415	.5000	.3454	-.6206	.5056	1.0408
.0250	.2356	.7438	.6667	.0262	-.1829	.6274	.8472	.5000	.1480	-.6280	.5036	1.0442
.0400	-.0480	.6649	.7893	.0500	-.1249	.6435	.8223	.5000	-.1480	-.6370	.5011	1.0484
.0600	-.2421	.6109	.8727	.1000	-.1755	.6295	.8440	.5000	-.5427	-.6281	.5036	1.0443
.0800	-.3893	.5700	.9368	.1500	-.1969	.6235	.8532	.5000	-.7401	-.6008	.5112	1.0317
.1000	-.4649	.5490	.9702	.2000	-.2332	.6134	.8688					
.1400	-.5509	.5250	1.0089	.2500	-.2732	.6023	.8861					
.1799	-.6147	.5073	1.0381	.3500	-.4048	.5657	.9436					
.2201	-.5954	.5127	1.0292	.4500	-.5118	.5359	.9913					
.2600	-.5666	.5207	1.0161	.5500	-.3590	.5784	.9235					
.3000	-.5541	.5242	1.0104	.6500	-.1248	.6436	.8222					
.3400	-.5562	.5236	1.0113	.7500	.0410	.6897	.7511					
.3801	-.5589	.5228	1.0126	.8000	.1028	.7069	.7245					
.4199	-.5811	.5166	1.0227	.8500	.1525	.7207	.7030					
.4600	-.5921	.5136	1.0277	.9000	.1963	.7329	.6839					
.5000	-.6313	.5027	1.0457	.9500	.2106	.7369	.6777					
.5400	-.6632	.4938	1.0606									
.5799	-.6913	.4860	1.0737									
.6201	-.7148	.4795	1.0848									
.6600	-.7186	.4784	1.0867									
.7000	-.5478	.5259	1.0075									
.7500	-.3716	.5749	.9290									
.8000	-.2368	.6124	.8704									
.8500	-.0826	.6553	.8041									
.9237	.0995	.7060	.7259									
.9749	.1561	.7217	.7014									

PT	4.6772	ATM	CN	.3916	
TT	108.1141	K	CM	-.0749	CD2 .00983
RC	20.0517	MILLION	CC	.0108	CD3 .00969
MACH	.7692				CD4 .00951
ALPHA	.0407	DEG			CD5 .00939
					CD6 .00896

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1461	.9970	.0658	0.0000	1.1461	.9970	.0658	.5000	.7401	-.6394	.4999	1.0504
.0040	.7844	.8963	.4000	.0040	.1400	.7169	.7089	.5000	.5427	-.6334	.5016	1.0476
.0150	.2893	.7585	.6434	.0080	-.0262	.6706	.7805	.5000	.3454	-.5943	.5125	1.0295
.0250	.0847	.7015	.7328	.0262	.0356	.6878	.7540	.5000	.1480	-.6074	.5088	1.0356
.0400	-.2087	.6198	.8589	.0500	.0359	.6879	.7538	.5000	-.1480	-.6259	.5037	1.0441
.0600	-.3921	.5688	.9387	.1000	-.0446	.6655	.7884	.5000	-.5427	-.6328	.5017	1.0473
.0800	-.5396	.5277	1.0046	.1500	-.0851	.6542	.8058	.5000	-.7401	-.6541	.4958	1.0572
.1000	-.6227	.5045	1.0426	.2000	-.1336	.6407	.8266					
.1400	-.7132	.4793	1.0850	.2500	-.1817	.6273	.8473					
.1799	-.7772	.4615	1.1157	.3500	-.3172	.5896	.9060					
.2201	-.8040	.4541	1.1287	.4500	-.4269	.5591	.9541					
.2600	-.7906	.4578	1.1222	.5500	-.3170	.5897	.9059					
.3000	-.8062	.4535	1.1298	.6500	-.1008	.6498	.8125					
.3400	-.8180	.4502	1.1356	.7500	.0556	.6934	.7453					
.3801	-.7860	.4591	1.1199	.8000	.1141	.7097	.7201					
.4199	-.7894	.4581	1.1216	.8500	.1615	.7229	.6996					
.4600	-.7208	.4772	1.0886	.9000	.2026	.7343	.6816					
.5000	-.6490	.4972	1.0549	.9500	.2116	.7368	.6777					
.5400	-.5906	.5135	1.0278									
.5799	-.6125	.5074	1.0379									
.6201	-.6732	.4905	1.0661									
.6600	-.7359	.4730	1.0958									
.7000	-.5644	.5208	1.0159									
.7500	-.3643	.5765	.9265									
.8000	-.2255	.6151	.8662									
.8500	-.0733	.6575	.8007									
.9237	.1020	.7063	.7254									
.9749	.1603	.7225	.7001									

PT 4.6775 ATM
 TT 108.1401 K
 RC 20.0478 MILLION
 MACH .7693
 ALPHA 1.0285 DEG

CN .5706
 CM -.0889
 CC .0097

CD2 .01547
 CD3 .01515
 CD4 .01471
 CD5 .01308
 CD6 .01147

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1487	.9974	.0610
.0040	.6200	.8496	.4899
.0150	.1293	.7125	.7158
.0250	-.0527	.6616	.7944
.0400	-.3579	.5763	.9269
.0600	-.5195	.5311	.9990
.0800	-.6643	.4906	1.0659
.1000	-.7459	.4678	1.1047
.1400	-.8521	.4382	1.1569
.1799	-.9242	.4180	1.1936
.2201	-.9517	.4103	1.2078
.2600	-.9297	.4165	1.1964
.3000	-.9552	.4093	1.2097
.3400	-.9771	.4032	1.2212
.3801	-.9463	.4118	1.2050
.4199	-.9798	.4025	1.2226
.4600	-.9758	.4036	1.2205
.5000	-1.0240	.3901	1.2462
.5400	-1.0550	.3814	1.2630
.5799	-1.0712	.3769	1.2719
.6201	-1.0521	.3822	1.2614
.6600	-.5923	.5108	1.0323
.7000	-.4194	.5591	.9541
.7500	-.2914	.5949	.8977
.8000	-.1774	.6267	.8482
.8500	-.0562	.6606	.7959
.9237	.0915	.7019	.7322
.9749	.1514	.7187	.7062

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1487	.9974	.0610
.0040	.4234	.7947	.5847
.0080	.2484	.7458	.6636
.0262	.2086	.7346	.6812
.0500	.1740	.7250	.6963
.1000	.0659	.6947	.7433
.1500	.0096	.6790	.7676
.2000	-.0479	.6629	.7924
.2500	-.1038	.6473	.8164
.3500	-.2431	.6084	.8767
.4500	-.3578	.5763	.9268
.5500	-.2787	.5984	.8921
.6500	-.0801	.6539	.8062
.7500	.0674	.6952	.7426
.8000	.1224	.7105	.7188
.8500	.1659	.7227	.6998
.9000	.2040	.7334	.6832
.9500	.2068	.7341	.6819

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.9566	.4089	1.2104
.5000	.5427	-.9967	.3977	1.2315
.5000	.3454	-1.0317	.3880	1.2503
.5000	.1480	-1.0255	.3897	1.2470
.5000	-.1480	-1.0347	.3871	1.2520
.5000	-.5427	-1.0084	.3945	1.2378
.5000	-.7401	-.9656	.4064	1.2151

PT 4.6775 ATM
 TT 108.0781 K
 RC 20.0217 MILLION
 MACH .7665
 ALPHA 1.5221 DEG

CN .6186
 CM -.0876
 CC .0090

CD2 .01987
 CD3 .01975
 CD4 .01930
 CD5 .01769
 CD6 .01509

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1462	.9969	.0666
.0040	.5395	.8278	.5286
.0150	.0495	.6913	.7487
.0250	-.1206	.6439	.8218
.0400	-.4293	.5578	.9562
.0600	-.5827	.5150	1.0253
.0800	-.7324	.4723	1.0953
.1000	-.8001	.4545	1.1280
.1400	-.9108	.4236	1.1833
.1799	-.9882	.4021	1.2234
.2201	-1.0129	.3952	1.2365
.2600	-.9894	.4017	1.2240
.3000	-1.0172	.3940	1.2388
.3400	-1.0384	.3880	1.2502
.3801	-1.0029	.3979	1.2312
.4199	-1.0374	.3883	1.2496
.4600	-1.0280	.3910	1.2445
.5000	-1.0817	.3760	1.2738
.5400	-1.1138	.3670	1.2916
.5799	-1.1154	.3666	1.2925
.6201	-.8686	.4354	1.1619
.6600	-.5390	.5272	1.0054
.7000	-.4162	.5615	.9503
.7500	-.2881	.5972	.8942
.8000	-.1767	.6282	.8459
.8500	-.0705	.6578	.8003
.9237	.0546	.6927	.7465
.9749	.1124	.7088	.7215

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1462	.9969	.0666
.0040	.5305	.8253	.5329
.0080	.3523	.7757	.6158
.0262	.2759	.7544	.6500
.0500	.2297	.7415	.6704
.1000	.1102	.7082	.7225
.1500	.0475	.6907	.7495
.2000	-.0139	.6736	.7759
.2500	-.0721	.6574	.8009
.3500	-.2135	.6180	.8618
.4500	-.3308	.5853	.9128
.5500	-.2654	.6035	.8843
.6500	-.0770	.6560	.8031
.7500	.0648	.6955	.7421
.8000	.1168	.7100	.7196
.8500	.1565	.7211	.7024
.9000	.1902	.7305	.6877
.9500	.1829	.7284	.6909

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.0255	.3916	1.2432
.5000	.5427	-1.0595	.3822	1.2616
.5000	.3454	-1.0961	.3720	1.2818
.5000	.1480	-1.0869	.3745	1.2767
.5000	-.1480	-1.0933	.3727	1.2802
.5000	-.5427	-1.0702	.3792	1.2675
.5000	-.7401	-1.0341	.3893	1.2478

PT 4.6775 ATM
 TT 107.9707 K
 RC 20.1059 MILLION
 MACH .7700
 ALPHA 2.0264 DEG

CN .6259
 CM -.0799
 CC .0099

CD2 .03029
 CD3 .03029
 CD4 .02818
 CD5 .02590
 CD6 .02099

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1443	.9963	.0730
.0040	.4802	.8110	.5574
.0150	-.0064	.6752	.7734
.0250	-.1661	.6307	.8422
.0400	-.4776	.5438	.9787
.0600	-.6323	.5006	1.0493
.0800	-.7634	.4640	1.1114
.1000	-.8382	.4431	1.1481
.1400	-.9466	.4129	1.2031
.1799	-1.0299	.3896	1.2471
.2201	-1.0535	.3831	1.2599
.2600	-1.0268	.3905	1.2455
.3000	-1.0575	.3819	1.2621
.3400	-1.0811	.3754	1.2750
.3801	-1.0412	.3865	1.2532
.4199	-1.0726	.3777	1.2704
.4600	-1.0598	.3613	1.2633
.5000	-1.1229	.3637	1.2984
.5400	-1.1160	.3656	1.2945
.5799	-.8356	.4439	1.1468
.6201	-.5812	.5148	1.0257
.6600	-.4550	.5500	.9686
.7000	-.3781	.5715	.9344
.7500	-.2821	.5983	.8924
.8000	-.1982	.6217	.8560
.8500	-.1398	.6380	.8308
.9237	-.0334	.6677	.7850
.9749	.0438	.6892	.7518

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1443	.9963	.0730
.0040	.6022	.8451	.4982
.0080	.4230	.7950	.5841
.0262	.3194	.7661	.6312
.0500	.2632	.7505	.6562
.1000	.1408	.7163	.7099
.1500	.0730	.6974	.7392
.2000	.0090	.6795	.7668
.2500	-.0533	.6621	.7936
.3500	-.1973	.6220	.8556
.4500	-.3225	.5870	.9100
.5500	-.2711	.6014	.8876
.6500	-.0879	.6525	.8085
.7500	.0496	.6909	.7493
.8000	.0977	.7043	.7285
.8500	.1301	.7133	.7145
.9000	.1565	.7207	.7030
.9500	.1305	.7134	.7143

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.0722	.3778	1.2701
.5000	.5427	-1.1159	.3656	1.2945
.5000	.3454	-1.1417	.3584	1.3091
.5000	.1480	-1.1306	.3615	1.3027
.5000	-.1480	-1.1343	.3605	1.3049
.5000	-.5427	-1.1279	.3623	1.3012
.5000	-.7401	-1.0849	.3743	1.2772

PT 4.6774 ATM
 TT 108.0362 K
 RC 20.0974 MILLION
 MACH .7707
 ALPHA 2.5146 DEG

CN .6421
 CM -.0745
 CC .0103

CD2 .04241
 CD3 .04324
 CD4 .03960
 CD5 .03535
 CD6 .02787

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1463	.9971	.0651
.0040	.4064	.7911	.5906
.0150	-.0720	.6579	.8002
.0250	-.2194	.6168	.8636
.0400	-.5319	.5298	1.0011
.0600	-.6936	.4848	1.0757
.0800	-.8165	.4506	1.1348
.1000	-.8895	.4303	1.1711
.1400	-.9904	.4022	1.2231
.1799	-1.0749	.3787	1.2685
.2201	-1.0987	.3720	1.2816
.2600	-1.0705	.3799	1.2661
.3000	-1.1019	.3711	1.2834
.3400	-1.1263	.3644	1.2970
.3801	-1.0830	.3764	1.2729
.4199	-1.1122	.3683	1.2891
.4600	-1.0939	.3734	1.2790
.5000	-1.1141	.3677	1.2902
.5400	-.8929	.4293	1.1729
.5799	-.6161	.5064	1.0396
.6201	-.4905	.5414	.9825
.6600	-.4258	.5594	.9537
.7000	-.3696	.5750	.9289
.7500	-.2874	.5979	.8930
.8000	-.2241	.6155	.8656
.8500	-.1734	.6296	.8437
.9237	-.0965	.6510	.8107
.9749	-.0382	.6673	.7857

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1463	.9971	.0651
.0040	.6781	.8667	.4584
.0080	.4977	.8165	.5481
.0262	.3696	.7808	.6075
.0500	.3069	.7634	.6356
.1000	.1744	.7265	.6940
.1500	.1019	.7063	.7254
.2000	.0338	.6873	.7548
.2500	-.0308	.6693	.7825
.3500	-.1796	.6279	.8464
.4500	-.3106	.5914	.9031
.5500	-.2694	.6029	.8852
.6500	-.0941	.6517	.8097
.7500	.0364	.6881	.7536
.8000	.0808	.7004	.7345
.8500	.1117	.7090	.7212
.9000	.1323	.7147	.7123
.9500	.0949	.7044	.7284

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.1179	.3667	1.2923
.5000	.5427	-1.1786	.3498	1.3269
.5000	.3454	-1.1849	.3480	1.3306
.5000	.1480	-1.1653	.3535	1.3192
.5000	-.1480	-1.1212	.3658	1.2941
.5000	-.5427	-1.1890	.3469	1.3330
.5000	-.7401	-1.1342	.3621	1.3015

PT 4.6775 ATM
 TT 108.0407 K
 RC 20.0938 MILLION
 MACH .7705
 ALPHA 3.0235 DEG

CN .6323
 CM -.0661
 CC .0117

CD2 .04845
 CD3 .05171
 CD4 .04887
 CD5 .04369
 CD6 .03637

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1475	.9969	.0669
.0040	.3632	.7772	.6133
.0150	-.1067	.6456	.8192
.0250	-.2456	.6066	.8794
.0400	-.5593	.5188	1.0192
.0600	-.7225	.4731	1.0958
.0800	-.8494	.4375	1.1591
.1000	-.9104	.4204	1.1891
.1400	-1.0094	.3927	1.2412
.1799	-1.0948	.3688	1.2882
.2201	-1.1185	.3621	1.3015
.2600	-1.0906	.3699	1.2858
.3000	-1.1230	.3609	1.3041
.3400	-1.1498	.3533	1.3196
.3801	-1.1036	.3663	1.2931
.4199	-1.1316	.3584	1.3091
.4600	-1.0647	.3772	1.2714
.5000	-.9273	.4157	1.1979
.5400	-.6831	.4841	1.0770
.5799	-.5241	.5286	1.0031
.6201	-.4598	.5467	.9740
.6600	-.4108	.5604	.9521
.7000	-.3615	.5742	.9302
.7500	-.2992	.5916	.9028
.8000	-.2495	.6056	.8811
.8500	-.1998	.6195	.8595
.9237	-.1533	.6325	.8393
.9749	-.0802	.6530	.8077

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1475	.9969	.0669
.0040	.7245	.8784	.4360
.0080	.5469	.8287	.5271
.0262	.4040	.7886	.5947
.0500	.3386	.7703	.6245
.1000	.1969	.7306	.6875
.1500	.1203	.7092	.7210
.2000	.0484	.6890	.7522
.2500	-.0190	.6701	.7813
.3500	-.1758	.6262	.8491
.4500	-.3178	.5864	.9109
.5500	-.2856	.5954	.8968
.6500	-.1120	.6441	.8214
.7500	.0145	.6795	.7668
.8000	.0561	.6912	.7488
.8500	.0859	.6995	.7359
.9000	.1024	.7042	.7287
.9500	.0577	.6916	.7481

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT MLOC
.5000	.7401	-1.1290	.3592 1.3075
.5000	.5427	-1.2019	.3388 1.3501
.5000	.3454	-1.1386	.3565 1.3131
.5000	.1480	-1.0302	.3868 1.2525
.5000	-.1480	-.8597	.4346 1.1633
.5000	-.5427	-1.1236	.3607 1.3044
.5000	-.7401	-1.1555	.3518 1.3228

PT 4.6771 ATM
 TT 108.1284 K
 RC 20.0706 MILLION
 MACH .7707
 ALPHA 3.5029 DEG

CN .6505
 CM -.0626
 CC .0115

CD2 .05185
 CD3 .05692
 CD4 .05822
 CD5 .05434
 CD6 .04609

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1443	.9963	.0726
.0040	.2923	.7587	.6431
.0150	-.1723	.6291	.8445
.0250	-.2982	.5940	.8991
.0400	-.6203	.5042	1.0433
.0600	-.7819	.4591	1.1260
.0800	-.9096	.4235	1.1835
.1000	-.9603	.4093	1.2097
.1400	-1.0564	.3825	1.2609
.1799	-1.1405	.3591	1.3078
.2201	-1.1640	.3525	1.3213
.2600	-1.1336	.3610	1.3038
.3000	-1.1660	.3519	1.3224
.3400	-1.1948	.3439	1.3392
.3801	-1.1424	.3585	1.3089
.4199	-1.1497	.3565	1.3130
.4600	-.9453	.4135	1.2019
.5000	-.7423	.4701	1.1008
.5400	-.5867	.5135	1.0278
.5799	-.5111	.5346	.9934
.6201	-.4581	.5494	.9696
.6600	-.4172	.5608	.9514
.7000	-.3722	.5734	.9315
.7500	-.3187	.5883	.9080
.8000	-.2739	.6008	.8885
.8500	-.2277	.6137	.8685
.9237	-.1866	.6251	.8507
.9749	-.1083	.6470	.8170

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1443	.9963	.0726
.0040	.7858	.8964	.3999
.0080	.6076	.8466	.4953
.0262	.4462	.8016	.5731
.0500	.3727	.7811	.6069
.1000	.2259	.7402	.6724
.1500	.1449	.7176	.7078
.2000	.0699	.6967	.7403
.2500	.0004	.6773	.7702
.3500	-.1597	.6326	.8391
.4500	-.3055	.5920	.9023
.5500	-.2834	.5981	.8926
.6500	-.1165	.6447	.8205
.7500	.0055	.6787	.7681
.8000	.0447	.6996	.7512
.8500	.0732	.6976	.7389
.9000	.0872	.7015	.7328
.9500	.0381	.6878	.7540

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT MLOC
.5000	.7401	-1.1111	.3673 1.2911
.5000	.5427	-1.0940	.3720 1.2816
.5000	.3454	-.9194	.4207 1.1885
.5000	.1480	-.8211	.4482 1.1391
.5000	-.1480	-.6845	.4863 1.0733
.5000	-.5427	-.8443	.4417 1.1506
.5000	-.7401	-1.1270	.3628 1.3001

PT 4.6772 ATM
 TT 108.1662 K
 RC 20.0543 MILLION
 MACH .7703
 ALPHA 4.0110 DEG

CN .6574
 CM -.0583
 CC .0118

CD2 .05609
 CD3 .06287
 CD4 .06473
 CD5 .06404
 CD6 .05754

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1364	.9941	.0927	0.0000	1.1364	.9941	.0927	.5000	.7401	-.8951	.4268	1.1774
.0040	.2318	.7415	.6704	.0040	.8362	.9102	.3703	.5000	.5427	-.7734	.4608	1.1169
.0150	-.2271	.6134	.8689	.0080	.6591	.8608	.4694	.5000	.3454	-.6829	.4861	1.0736
.0250	-.3386	.5822	.9175	.0262	.4829	.8116	.5564	.5000	.1480	-.6580	.4930	1.0619
.0400	-.6675	.4904	1.0663	.0500	.4017	.7889	.5942	.5000	-.1480	-.6095	.5066	1.0393
.0600	-.8204	.4477	1.1399	.1000	.2520	.7471	.6615	.5000	-.5427	-.6609	.4922	1.0632
.0800	-.9519	.4110	1.2066	.1500	.1667	.7233	.6989	.5000	-.7401	-.8297	.4451	1.1446
.1000	-.9983	.3980	1.2310	.2000	.0891	.7016	.7326					
.1400	-1.0899	.3724	1.2808	.2500	.0169	.6815	.7638					
.1799	-1.1741	.3489	1.3287	.3500	-.1475	.6356	.8346					
.2201	-1.1989	.3420	1.3433	.4500	-.3002	.5929	.9007					
.2600	-1.1635	.3519	1.3225	.5500	-.2882	.5963	.8955					
.3000	-1.1938	.3434	1.3403	.6500	-.1259	.6416	.8252					
.3400	-1.2267	.3342	1.3598	.7500	-.0059	.6751	.7736					
.3801	-1.1542	.3545	1.3172	.8000	.0319	.6857	.7573					
.4199	-1.0590	.3811	1.2637	.8500	.0571	.6927	.7465					
.4600	-.7713	.4614	1.1159	.9000	.0697	.6962	.7410					
.5000	-.6377	.4987	1.0524	.9500	.0174	.6816	.7635					
.5400	-.5588	.5207	1.0160									
.5799	-.5092	.5346	.9934									
.6201	-.4611	.5480	.9718									
.6600	-.4203	.5594	.9536									
.7000	-.3779	.5713	.9348									
.7500	-.3315	.5842	.9144									
.8000	-.2915	.5954	.8969									
.8500	-.2557	.6054	.8814									
.9237	-.2142	.6169	.8634									
.9749	-.1351	.6390	.8292									

PT 4.6775 ATM
 TT 108.0793 K
 RC 20.0750 MILLION
 MACH .7700
 ALPHA 4.5191 DEG

CN .6637
 CM -.0550
 CC .0123

CD2 .06054
 CD3 .06379
 CD4 .06808
 CD5 .07117
 CD6 .06894

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1270	.9913	.1120	0.0000	1.1270	.9913	.1120	.5000	.7401	-.6776	.4888	1.0723
.0040	.1644	.7222	.7006	.0040	.8777	.9216	.3446	.5000	.5427	-.6557	.4930	1.0620
.0150	-.2826	.5972	.8940	.0080	.7046	.8732	.4459	.5000	.3454	-.6190	.5032	1.0449
.0250	-.3801	.5700	.9368	.0262	.5144	.8201	.5419	.5000	.1480	-.6039	.5074	1.0379
.0400	-.7122	.4772	1.0887	.0500	.4321	.7971	.5807	.5000	-.1480	-.5876	.5120	1.0304
.0600	-.8665	.4357	1.1613	.1000	.2751	.7532	.6519	.5000	-.5427	-.6254	.5014	1.0478
.0800	-.9947	.3982	1.2307	.1500	.1859	.7282	.6912	.5000	-.7401	-.6728	.4882	1.0701
.1000	-1.0358	.3867	1.2528	.2000	.1052	.7057	.7263					
.1400	-1.1245	.3619	1.3020	.2500	.0314	.6850	.7583					
.1799	-1.2080	.3385	1.3506	.3500	-.1377	.6378	.8312					
.2201	-1.2322	.3318	1.3651	.4500	-.2954	.5937	.8996					
.2600	-1.1936	.3426	1.3421	.5500	-.2916	.5947	.8979					
.3000	-1.2165	.3362	1.3557	.6500	-.1352	.6385	.8301					
.3400	-1.2454	.3281	1.3732	.7500	-.0192	.6709	.7801					
.3801	-1.0827	.3736	1.2786	.8000	.0169	.6810	.7645					
.4199	-.8833	.4293	1.1729	.8500	.0402	.6875	.7545					
.4600	-.6771	.4870	1.0721	.9000	.0508	.6905	.7499					
.5000	-.6007	.5083	1.0364	.9500	-.0054	.6748	.7741					
.5400	-.5512	.5222	1.0136									
.5799	-.5115	.5333	.9956									
.6201	-.4658	.5460	.9750									
.6600	-.4297	.5561	.9588									
.7000	-.3937	.5662	.9428									
.7500	-.3522	.5778	.9245									
.8000	-.3165	.5878	.9088									
.8500	-.2797	.5981	.8927									
.9237	-.2480	.6069	.8789									
.9749	-.1561	.6326	.8391									

APPENDIX B

The tabulated data presented in this appendix is transition fixed data from tests of the CAST 10-2/DOA 2 airfoil in the 0.3-m TCT.

PT 3.0564 ATM
 TT 220.6826 K
 RC 4.0258 MILLION
 MACH .6022
 ALPHA -.9979 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .1803
 CM -.0545
 CC .0086

CD2 .00977
 CD3 .00962
 CD4 .00972
 CD5 .01005
 CD6 .00953

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0452	.9902	.1183	0.0000	1.0452	.9902	.1183	.5000	.7401	-.4218	.6975	.7355
.0040	.8190	.9451	.2847	.0040	-.2579	.7302	.6848	.5000	.5427	-.4369	.6945	.7402
.0150	.3087	.8433	.4989	.0080	-.3721	.7074	.7202	.5000	.3454	-.4422	.6934	.7418
.0250	.1042	.8025	.5689	.0262	-.2016	.7414	.6673	.5000	.1480	-.4419	.6935	.7417
.0400	-.1635	.7490	.6553	.0500	-.1339	.7550	.6459	.5000	-.1480	-.4488	.6921	.7439
.0600	-.3091	.7200	.7008	.1000	-.1479	.7522	.6504	.5000	-.5427	-.4422	.6934	.7418
.0800	-.4534	.6912	.7453	.1500	-.1743	.7469	.6587	.5000	-.7401	-.4264	.6966	.7370
.1000	-.4448	.6929	.7426	.2000	-.1975	.7423	.6660					
.1400	-.4616	.6896	.7478	.2500	-.2238	.7370	.6742					
.1799	-.4589	.6901	.7470	.3500	-.3028	.7213	.6988					
.2201	-.4488	.6921	.7439	.4500	-.3561	.7106	.7153					
.2600	-.4330	.6953	.7390	.5500	-.2846	.7249	.6931					
.3000	-.4216	.6975	.7355	.6500	-.1227	.7572	.6424					
.3400	-.4233	.6972	.7360	.7500	.0101	.7837	.5998					
.3801	-.4229	.6973	.7359	.8000	.0628	.7942	.5826					
.4199	-.4335	.6952	.7391	.8500	.1060	.8028	.5684					
.4600	-.4381	.6943	.7406	.9000	.1447	.8105	.5554					
.5000	-.4446	.6930	.7426	.9500	.1581	.8132	.5509					
.5400	-.4528	.6913	.7451									
.5799	-.4637	.6891	.7484									
.6201	-.4678	.6883	.7497									
.6600	-.4558	.6907	.7460									
.7000	-.4286	.6962	.7376									
.7500	-.3490	.7120	.7131									
.8000	-.2436	.7331	.6804									
.8500	-.1070	.7603	.6374									
.9237	.0621	.7941	.5829									
.9749	.1477	.8111	.5544									

PT 3.0563 ATM
 TT 220.7573 K
 RC 4.0130 MILLION
 MACH .6000
 ALPHA .0102 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .2901
 CM -.0535
 CC .0069

CD2 .00984
 CD3 .00977
 CD4 .00986
 CD5 .01010
 CD6 .00971

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0867	.9983	.0485	0.0000	1.0867	.9983	.0485	.5000	.7401	-.4626	.6873	.7512
.0040	.6268	.9060	.3776	.0040	.1523	.8108	.5551	.5000	.5427	-.4791	.6840	.7563
.0150	.0908	.7984	.5757	.0080	-.0082	.7785	.6082	.5000	.3454	-.4857	.6827	.7584
.0250	-.0988	.7604	.6373	.0262	.0150	.7832	.6006	.5000	.1480	-.4857	.6827	.7584
.0400	-.3693	.7061	.7224	.0500	.0151	.7832	.6006	.5000	-.1480	-.4931	.6812	.7606
.0600	-.4931	.6812	.7606	.1000	-.0472	.7707	.6209	.5000	-.5427	-.4850	.6828	.7582
.0800	-.6272	.6543	.8020	.1500	-.0846	.7632	.6328	.5000	-.7401	-.4676	.6863	.7528
.1000	-.6018	.6594	.7942	.2000	-.1219	.7557	.6447					
.1400	-.5899	.6618	.7905	.2500	-.1561	.7489	.6556					
.1799	-.5686	.6661	.7839	.3500	-.2482	.7304	.6846					
.2201	-.5422	.6714	.7758	.4500	-.3127	.7174	.7047					
.2600	-.5155	.6767	.7675	.5500	-.2534	.7293	.6862					
.3000	-.4943	.6810	.7610	.6500	-.1026	.7596	.6386					
.3400	-.4883	.6822	.7592	.7500	.0212	.7844	.5986					
.3801	-.4819	.6835	.7572	.8000	.0705	.7943	.5824					
.4199	-.4872	.6824	.7588	.8500	.1122	.8027	.5685					
.4600	-.4866	.6825	.7586	.9000	.1476	.8098	.5566					
.5000	-.4879	.6823	.7590	.9500	.1552	.8114	.5541					
.5400	-.4918	.6815	.7602									
.5799	-.4987	.6801	.7624									
.6201	-.4978	.6803	.7621									
.6600	-.4801	.6838	.7566									
.7000	-.4478	.6903	.7467									
.7500	-.3609	.7077	.7198									
.8000	-.2476	.7305	.6844									
.8500	-.1057	.7590	.6396									
.9237	.0596	.7922	.5860									
.9749	.1409	.8085	.5589									

PT 3.0558 ATM
 TT 221.1684 K
 RC 4.0073 MILLION
 MACH .6010
 ALPHA 1.0081 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .4016
 CM -.0520
 CC .0018

CD2 .01021
 CD3 .01013
 CD4 .01026
 CD5 .01044
 CD6 .01004

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0874	.9988	.0422	0.0000	1.0874	.9988	.0422	.5000	.7401	-.4974	.6839	.7565
.0040	.3557	.8534	.4807	.0040	.4961	.8813	.4281	.5000	.5427	-.5158	.6803	.7621
.0150	-.1789	.7472	.6582	.0080	.2941	.8412	.5026	.5000	.3454	-.5220	.6790	.7640
.0250	-.3431	.7146	.7091	.0262	.2121	.8249	.5311	.5000	.1480	-.5223	.6790	.7641
.0400	-.6089	.6618	.7905	.0500	.1558	.8137	.5501	.5000	-.1480	-.5293	.6776	.7662
.0600	-.7037	.6430	.8194	.1000	.0503	.7927	.5850	.5000	-.5427	-.5205	.6793	.7635
.0800	-.8318	.6175	.8587	.1500	.0033	.7834	.6003	.5000	-.7401	-.5019	.6830	.7578
.1000	-.7735	.6291	.8408	.2000	-.0422	.7744	.6149					
.1400	-.7241	.6389	.8257	.2500	-.0867	.7655	.6291					
.1799	-.6810	.6475	.8125	.3500	-.1856	.7459	.6603					
.2201	-.6365	.6563	.7989	.4500	-.2610	.7309	.6838					
.2600	-.5942	.6647	.7860	.5500	-.2188	.7393	.6706					
.3000	-.5624	.6710	.7763	.6500	-.0802	.7668	.6271					
.3400	-.5499	.6735	.7725	.7500	.0377	.7902	.5891					
.3801	-.5348	.6765	.7679	.8000	.0835	.7993	.5741					
.4199	-.5336	.6767	.7675	.8500	.1180	.8062	.5627					
.4600	-.5273	.6780	.7656	.9000	.1510	.8127	.5517					
.5000	-.5251	.6784	.7649	.9500	.1554	.8136	.5503					
.5400	-.5238	.6787	.7645									
.5799	-.5242	.6786	.7646									
.6201	-.5178	.6799	.7627									
.6600	-.4966	.6841	.7562									
.7000	-.4581	.6917	.7444									
.7500	-.3641	.7104	.7156									
.8000	-.2487	.7333	.6800									
.8500	-.1075	.7614	.6357									
.9237	.0606	.7948	.5817									
.9749	.1331	.8092	.5577									

PT 3.0560 ATM
 TT 219.8619 K
 RC 4.0484 MILLION
 MACH .6028
 ALPHA 2.0213 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .5168
 CM -.0499
 CC -.0057

CD2 .01087
 CD3 .01069
 CD4 .01079
 CD5 .01099
 CD6 .01058

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0795	.9970	.0653	0.0000	1.0795	.9970	.0653	.5000	.7401	-.5388	.6735	.7725
.0040	.3368	.7885	.5919	.0040	.7552	.9322	.3179	.5000	.5427	-.5578	.6697	.7784
.0150	-.4793	.6854	.7543	.0080	.5461	.8904	.4101	.5000	.3454	-.5653	.6682	.7807
.0250	-.6022	.6608	.7920	.0262	.3796	.8571	.4740	.5000	.1480	-.5658	.6681	.7808
.0400	-.8829	.6047	.8785	.0500	.2873	.8386	.5071	.5000	-.1480	-.5730	.6666	.7830
.0600	-.9433	.5926	.8973	.1000	.1520	.8116	.5537	.5000	-.5427	-.5636	.6685	.7802
.0800	-1.0783	.5656	.9397	.1500	.0884	.7989	.5749	.5000	-.7401	-.5439	.6725	.7741
.1000	-.9754	.5862	.9073	.2000	.0312	.7874	.5937					
.1400	-.8783	.6056	.8771	.2500	-.0204	.7771	.6105					
.1799	-.8067	.6199	.8549	.3500	-.1310	.7550	.6459					
.2201	-.7404	.6332	.8345	.4500	-.2164	.7379	.6728					
.2600	-.6834	.6446	.8170	.5500	-.1860	.7440	.6632					
.3000	-.6399	.6532	.8036	.6500	-.0594	.7693	.6230					
.3400	-.6182	.6576	.7969	.7500	.0492	.7910	.5878					
.3801	-.5960	.6620	.7901	.8000	.0913	.7994	.5740					
.4199	-.5881	.6636	.7877	.8500	.1233	.8058	.5633					
.4600	-.5757	.6661	.7839	.9000	.1527	.8117	.5535					
.5000	-.5675	.6677	.7814	.9500	.1505	.8113	.5542					
.5400	-.5612	.6690	.7794									
.5799	-.5566	.6699	.7780									
.6201	-.5446	.6723	.7743									
.6600	-.5166	.6779	.7657									
.7000	-.4718	.6869	.7520									
.7500	-.3700	.7072	.7206									
.8000	-.2470	.7318	.6824									
.8500	-.1033	.7605	.6371									
.9237	.0558	.7924	.5857									
.9749	.1208	.8053	.5642									

PT 3.0429 ATM
TT 219.9218 K
RC 4.0291 MILLION
MACH .6027
ALPHA 3.0243 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .6287
CM -.0470
CC -.0168

CD2 .01169
CD3 .01152
CD4 .01162
CD5 .01170
CD6 .01110

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0043	.9821	.1608	0.0000	1.0043	.9821	.1608	.5000	.7401	-.5705	.6678	.7812
.0040	-.3278	.7163	.7065	.0040	.9296	.9672	.2186	.5000	.5427	-.5918	.6636	.7877
.0150	-.8142	.6192	.8560	.0080	.7381	.9289	.3257	.5000	.3454	-.6004	.6619	.7903
.0250	-.8910	.6039	.8797	.0262	.5192	.8853	.4203	.5000	.1480	-.6010	.6618	.7905
.0400	-1.1851	.5452	.9722	.0500	.4005	.8616	.4656	.5000	-.1480	-.6078	.6604	.7926
.0600	-1.1961	.5430	.9757	.1000	.2443	.8304	.5215	.5000	-.5427	-.5982	.6623	.7897
.0800	-1.3938	.5036	1.0401	.1500	.1669	.8150	.5479	.5000	-.7401	-.5778	.6664	.7834
.1000	-1.1917	.5439	.9743	.2000	.1012	.8019	.5699					
.1400	-1.0321	.5758	.9237	.2500	.0427	.7902	.5892					
.1799	-.9281	.5965	.8912	.3500	-.0760	.7665	.6275					
.2201	-.8392	.6142	.8637	.4500	-.1705	.7477	.6575					
.2600	-.7669	.6287	.8414	.5500	-.1525	.7512	.6518					
.3000	-.7115	.6397	.8244	.6500	-.0374	.7742	.6152					
.3400	-.6804	.6459	.8149	.7500	.0629	.7942	.5826					
.3801	-.6506	.6519	.8057	.8000	.1014	.8019	.5699					
.4199	-.6365	.6547	.8014	.8500	.1295	.8075	.5605					
.4600	-.6180	.6584	.7957	.9000	.1552	.8126	.5519					
.5000	-.6036	.6612	.7913	.9500	.1478	.8112	.5544					
.5400	-.5919	.6636	.7877									
.5799	-.5820	.6656	.7847									
.6201	-.5639	.6692	.7792									
.6600	-.5286	.6762	.7683									
.7000	-.4778	.6863	.7528									
.7500	-.3685	.7081	.7191									
.8000	-.2408	.7336	.6795									
.8500	-.0979	.7621	.6345									
.9237	.0516	.7920	.5863									
.9749	.1082	.8033	.5676									

PT 3.0426 ATM
TT 219.8920 K
RC 4.0218 MILLION
MACH .6011
ALPHA 4.0081 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .7424
CM -.0427
CC -.0314

CD2 .01266
CD3 .01246
CD4 .01256
CD5 .01265
CD6 .01193

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.8728	.9564	.2527	0.0000	.8728	.9564	.2527	.5000	.7401	-.5977	.6655	.7848
.0040	-.7106	.6432	.8191	.0040	1.0345	.9884	.1290	.5000	.5427	-.6197	.6612	.7915
.0150	-1.1823	.5499	.9648	.0080	.8792	.9577	.2489	.5000	.3454	-.6294	.6592	.7944
.0250	-1.1856	.5492	.9658	.0262	.6399	.9103	.3683	.5000	.1480	-.6297	.6592	.7945
.0400	-1.5362	.4798	1.0799	.0500	.5053	.8837	.4234	.5000	-.1480	-.6373	.6577	.7968
.0600	-1.4884	.4893	1.0639	.1000	.3310	.8492	.4883	.5000	-.5427	-.6276	.6596	.7938
.0800	-1.6890	.4496	1.1323	.1500	.2425	.8317	.5192	.5000	-.7401	-.6064	.6638	.7874
.1000	-1.6748	.4524	1.1273	.2000	.1679	.8170	.5446					
.1400	-1.1585	.5546	.9572	.2500	.1050	.8045	.5655					
.1799	-1.0321	.5796	.9177	.3500	-.0227	.7793	.6070					
.2201	-.9244	.6009	.8844	.4500	-.1251	.7590	.6395					
.2600	-.8393	.6177	.8583	.5500	-.1170	.7606	.6370					
.3000	-.7727	.6309	.8380	.6500	-.0135	.7811	.6041					
.3400	-.7331	.6387	.8259	.7500	.0773	.7991	.5746					
.3801	-.6968	.6459	.8149	.8000	.1122	.8060	.5631					
.4199	-.6767	.6499	.8088	.8500	.1379	.8110	.5546					
.4600	-.6521	.6548	.8013	.9000	.1600	.8154	.5472					
.5000	-.6320	.6587	.7952	.9500	.1460	.8126	.5519					
.5400	-.6149	.6621	.7900									
.5799	-.6005	.6650	.7856									
.6201	-.5767	.6697	.7784									
.6600	-.5360	.6777	.7660									
.7000	-.4807	.6887	.7492									
.7500	-.3656	.7114	.7141									
.8000	-.2326	.7377	.6731									
.8500	-.0896	.7660	.6283									
.9237	.0462	.7929	.5848									
.9749	.0963	.8028	.5684									

PT 3.0430 ATM
 TT 219.9194 K
 RC 4.0214 MILLION
 MACH .6010
 ALPHA 4.9998 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .8446
 CM -.0389
 CC -.0466

CD2 .01494
 CD3 .01469
 CD4 .01454
 CD5 .01472
 CD6 .01408

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.7022	.9226	.3406	0.0000	.7022	.9226	.3406	.5000	.7401	-.6212	.6608	.7920
.0040	-1.0574	.5745	.9257	.0040	1.0771	.9968	.0673	.5000	.5427	-.6460	.6559	.7995
.0150	-1.6226	.4626	1.1095	.0080	.9714	.9759	.1866	.5000	.3454	-.6569	.6537	.8029
.0250	-1.4485	.4971	1.0508	.0262	.7328	.9287	.3263	.5000	.1480	-.6576	.6536	.8031
.0400	-1.7739	.4327	1.1625	.0500	.5870	.8998	.3907	.5000	-.1480	-.6653	.6521	.8054
.0600	-1.9127	.4053	1.2131	.1000	.4030	.8634	.4622	.5000	-.5427	-.6544	.6542	.8021
.0800	-1.9744	.3930	1.2363	.1500	.3060	.8443	.4972	.5000	-.7401	-.6308	.6589	.7949
.1000	-2.0211	.3838	1.2542	.2000	.2251	.8282	.5253					
.1400	-1.3572	.5152	1.0209	.2500	.1577	.8149	.5481					
.1799	-1.0844	.5691	.9341	.3500	.0233	.7883	.5923					
.2201	-.9831	.5892	.9026	.4500	-.0859	.7667	.6272					
.2600	-.8959	.6064	.8758	.5500	-.0880	.7663	.6279					
.3000	-.8258	.6203	.8543	.6500	.0051	.7847	.5982					
.3400	-.7803	.6293	.8404	.7500	.0883	.8012	.5711					
.3801	-.7386	.6376	.8277	.8000	.1200	.8075	.5606					
.4199	-.7140	.6424	.8202	.8500	.1422	.8118	.5533					
.4600	-.6845	.6483	.8112	.9000	.1617	.8157	.5467					
.5000	-.6601	.6531	.8038	.9500	.1436	.8121	.5528					
.5400	-.6384	.6574	.7972									
.5799	-.6187	.6613	.7913									
.6201	-.5898	.6670	.7825									
.6600	-.5444	.6760	.7687									
.7000	-.4849	.6878	.7506									
.7500	-.3662	.7112	.7143									
.8000	-.2321	.7378	.6730									
.8500	-.0927	.7654	.6294									
.9237	.0378	.7912	.5876									
.9749	.0860	.8007	.5719									

PT 3.0430 ATM
 TT 219.9394 K
 RC 4.0212 MILLION
 MACH .6011
 ALPHA 7.0145 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN 1.0681
 CM -.0293
 CC -.0813

CD2 .02860
 CD3 .02782
 CD4 .02792
 CD5 .02774
 CD6 .02736

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.3521	.8535	.4806	0.0000	.3521	.8535	.4806	.5000	.7401	-.6121	.6628	.7890
.0040	-1.5814	.4711	1.0949	.0040	1.0869	.9988	.0416	.5000	.5427	-.6472	.6559	.7996
.0150	-2.4114	.3070	1.4166	.0080	1.0713	.9957	.0785	.5000	.3454	-.6612	.6531	.8039
.0250	-2.2621	.3365	1.3510	.0262	.8780	.9575	.2496	.5000	.1480	-.6621	.6529	.8041
.0400	-2.3605	.3170	1.3937	.0500	.7246	.9271	.3301	.5000	-.1480	-.6701	.6513	.8066
.0600	-2.3507	.3190	1.3894	.1000	.5338	.8894	.4121	.5000	-.5427	-.6484	.6556	.8000
.0800	-2.4444	.3004	1.4318	.1500	.4249	.8679	.4539	.5000	-.7401	-.6003	.6651	.7854
.1000	-2.4259	.3041	1.4233	.2000	.3359	.8503	.4864					
.1400	-2.4080	.3076	1.4151	.2500	.2621	.8357	.5123					
.1799	-1.6159	.4643	1.1066	.3500	.1180	.8072	.5611					
.2201	-1.3621	.5145	1.0221	.4500	-.0023	.7834	.6003					
.2600	-1.6632	.5736	.9271	.5500	-.0215	.7796	.6065					
.3000	-.8431	.6171	.8593	.6500	.0542	.7946	.5821					
.3400	-.7778	.6300	.8394	.7500	.1251	.8086	.5588					
.3801	-.7353	.6384	.8264	.8000	.1519	.8139	.5498					
.4199	-.7175	.6419	.8210	.8500	.1695	.8173	.5439					
.4600	-.6893	.6475	.8124	.9000	.1860	.8206	.5384					
.5000	-.6665	.6520	.8055	.9500	.1657	.8166	.5452					
.5400	-.6421	.6569	.7981									
.5799	-.6177	.6617	.7907									
.6201	-.5854	.6681	.7809									
.6600	-.5359	.6779	.7658									
.7000	-.4777	.6894	.7481									
.7500	-.3657	.7115	.7139									
.8000	-.2430	.7358	.6762									
.8500	-.1109	.7619	.6349									
.9237	.0348	.7907	.5883									
.9749	.1008	.8038	.5668									

PT 3.0432 ATM
 TT 219.9162 K
 RC 4.0260 MILLION
 MACH .6020
 ALPHA 8.0343 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN 1.1144
 CM -.0193
 CC -.0907

CD2 .04161
 CD3 .03934
 CD4 .03924
 CD5 .03884
 CD6 .03783

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.2319	.8298	.5226	0.0000	.2319	.8298	.5226	.5000	.7401	-.5613	.6730	.7732
.0040	-1.7659	.4350	1.1584	.0040	1.0804	.9975	.0595	.5000	.5427	-.6053	.6644	.7866
.0150	-2.5493	.2801	1.4807	.0080	1.0820	.9978	.0557	.5000	.3454	-.6254	.6604	.7927
.0250	-2.4371	.3023	1.4274	.0262	.9114	.9641	.2287	.5000	.1480	-.6266	.6601	.7930
.0400	-2.5304	.2839	1.4715	.0500	.7598	.9341	.3130	.5000	-.1480	-.6322	.6590	.7947
.0600	-2.5357	.2828	1.4741	.1000	.5681	.8963	.3981	.5000	-.5427	-.6191	.6616	.7908
.0800	-2.6211	.2659	1.5167	.1500	.4558	.8741	.4422	.5000	-.7401	-.5713	.6711	.7762
.1000	-2.5879	.2725	1.4999	.2000	.3630	.8557	.4765					
.1400	-2.4660	.2966	1.4409	.2500	.2876	.8408	.5033					
.1799	-1.6658	.4547	1.1233	.3500	.1367	.8110	.5547					
.2201	-1.5533	.4770	1.0848	.4500	.0100	.7860	.5961					
.2600	-1.2780	.5314	.9945	.5500	-.0162	.7808	.6046					
.3000	-.9988	.5866	.9067	.6500	.0519	.7942	.5826					
.3400	-.8863	.6088	.8721	.7500	.1156	.8068	.5617					
.3801	-.7485	.6360	.8301	.8000	.1391	.8115	.5539					
.4199	-.7052	.6446	.8169	.8500	.1539	.8144	.5490					
.4600	-.6648	.6526	.8046	.9000	.1661	.8168	.5449					
.5000	-.6272	.6600	.7932	.9500	.1361	.8109	.5549					
.5400	-.5948	.6664	.7834									
.5799	-.5766	.6700	.7779									
.6201	-.5378	.6777	.7661									
.6600	-.4818	.6888	.7490									
.7000	-.4249	.7000	.7317									
.7500	-.3262	.7195	.7015									
.8000	-.2181	.7409	.6682									
.8500	-.1113	.7620	.6348									
.9237	.0041	.7848	.5980									
.9749	.0543	.7947	.5818									

PT 3.0430 ATM
 TT 219.9246 K
 RC 4.0286 MILLION
 MACH .6026
 ALPHA 9.0284 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN 1.0969
 CM -.0137
 CC -.0877

CD2 .05571
 CD3 .05429
 CD4 .05191
 CD5 .05097
 CD6 .04922

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.1744	.8150	.5479	0.0000	.1744	.8150	.5479	.5000	.7401	-.5285	.6738	.7721
.0040	-1.8048	.4174	1.1905	.0040	1.0757	.9961	.0746	.5000	.5427	-.5692	.6656	.7846
.0150	-2.5658	.2642	1.5211	.0080	1.0865	.9983	.0496	.5000	.3454	-.5861	.6622	.7899
.0250	-2.4634	.2850	1.4687	.0262	.9308	.9670	.2192	.5000	.1480	-.5913	.6612	.7915
.0400	-2.5626	.2651	1.5189	.0500	.7787	.9364	.3073	.5000	-.1480	-.5917	.6611	.7916
.0600	-2.5795	.2617	1.5278	.1000	.5879	.8981	.3943	.5000	-.5427	-.5907	.6613	.7913
.0800	-2.5492	.2678	1.5119	.1500	.4727	.8750	.4404	.5000	-.7401	-.5486	.6697	.7783
.1000	-2.6290	.2518	1.5543	.2000	.3788	.8561	.4758					
.1400	-1.8428	.4097	1.2047	.2500	.2989	.8400	.5047					
.1799	-1.7302	.4323	1.1632	.3500	.1431	.8087	.5585					
.2201	-1.6290	.4527	1.1269	.4500	.0076	.7815	.6034					
.2600	-1.3887	.5009	1.0444	.5500	-.0295	.7740	.6154					
.3000	-1.1240	.5541	.9579	.6500	.0316	.7863	.5955					
.3400	-1.0142	.5762	.9230	.7500	.0903	.7981	.5762					
.3801	-.8474	.6097	.8707	.8000	.1094	.8020	.5698					
.4199	-.7319	.6329	.8349	.8500	.1162	.8033	.5675					
.4600	-.6583	.6477	.8121	.9000	.1224	.8046	.5654					
.5000	-.5787	.6637	.7876	.9500	.0782	.7957	.5802					
.5400	-.5313	.6732	.7729									
.5799	-.5040	.6787	.7645									
.6201	-.4507	.6894	.7480									
.6600	-.3935	.7009	.7303									
.7000	-.3485	.7099	.7163									
.7500	-.2736	.7250	.6930									
.8000	-.2050	.7388	.6714									
.8500	-.1396	.7519	.6508									
.9237	-.0776	.7644	.6309									
.9749	-.0428	.7714	.6197									

PT 3.5648 ATM
TT 268.6946 K
RC 3.9960 MILLION
MACH .7028
ALPHA -.9776 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .1755
CM -.0555
CC .0092

CD2 .01028
CD3 .01021
CD4 .01034
CD5 .01062
CD6 .01020

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0722	.9858	.1429	0.0000	1.0722	.9858	.1429	.5000	.7401	-.4713	.6016	.8831
.0040	.8855	.9393	.2999	.0040	-.2850	.6479	.8116	.5000	.5427	-.4899	.5969	.8904
.0150	.3881	.8155	.5469	.0080	-.4260	.6128	.8657	.5000	.3454	-.4960	.5954	.8927
.0250	.1744	.7623	.6341	.0262	-.2354	.6603	.7926	.5000	.1480	-.4977	.5950	.8934
.0400	-.1072	.6922	.7436	.0500	-.1547	.6804	.7617	.5000	-.1480	-.5052	.5931	.8963
.0600	-.2711	.6514	.8063	.1000	-.1695	.6767	.7674	.5000	-.5427	-.4920	.5964	.8912
.0800	-.4605	.6042	.8790	.1500	-.2013	.6688	.7796	.5000	-.7401	-.4714	.6015	.8832
.1000	-.4628	.6037	.8799	.2000	-.2276	.6622	.7896					
.1400	-.4978	.5950	.8934	.2500	-.2591	.6544	.8016					
.1799	-.5054	.5931	.8964	.3500	-.3591	.6295	.8399					
.2201	-.4950	.5957	.8923	.4500	-.4264	.6127	.8658					
.2600	-.4777	.6000	.8856	.5500	-.3309	.6365	.8291					
.3000	-.4657	.6029	.8810	.6500	-.1392	.6842	.7558					
.3400	-.4694	.6020	.8824	.7500	.0078	.7208	.6993					
.3801	-.4709	.6016	.8830	.8000	.0640	.7348	.6775					
.4199	-.4830	.5986	.8877	.8500	.1089	.7460	.6599					
.4600	-.4901	.5969	.8904	.9000	.1472	.7555	.6449					
.5000	-.5009	.5942	.8946	.9500	.1603	.7588	.6397					
.5400	-.5123	.5913	.8991									
.5799	-.5226	.5888	.9030									
.6201	-.5243	.5884	.9037									
.6600	-.5041	.5934	.8958									
.7000	-.4592	.6046	.8785									
.7500	-.3555	.6304	.8386									
.8000	-.2295	.6617	.7903									
.8500	-.0826	.6983	.7341									
.9237	.0804	.7389	.6711									
.9749	.1504	.7563	.6436									

PT 3.5652 ATM
TT 268.5061 K
RC 3.9993 MILLION
MACH .7026
ALPHA .0305 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .2998
CM -.0533
CC .0076

CD2 .01065
CD3 .01057
CD4 .01070
CD5 .01099
CD6 .01054

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1231	.9984	.0471	0.0000	1.1231	.9984	.0471	.5000	.7401	-.5190	.5896	.9017
.0040	.7147	.8968	.3969	.0040	.1426	.7544	.6467	.5000	.5427	-.5379	.5849	.9091
.0150	.1834	.7645	.6305	.0080	-.0296	.7115	.7137	.5000	.3454	-.5450	.5832	.9118
.0250	-.0174	.7145	.7090	.0262	.0014	.7192	.7018	.5000	.1480	-.5467	.5827	.9125
.0400	-.3146	.6405	.8229	.0500	.0075	.7207	.6994	.5000	-.1480	-.5543	.5808	.9155
.0600	-.4598	.6044	.8788	.1000	-.0543	.7053	.7233	.5000	-.5427	-.5402	.5844	.9100
.0800	-.6786	.5499	.9644	.1500	-.0991	.6942	.7405	.5000	-.7401	-.5182	.5899	.9014
.1000	-.6597	.5546	.9569	.2000	-.1388	.6843	.7557					
.1400	-.6678	.5526	.9601	.2500	-.1807	.6739	.7717					
.1799	-.6509	.5568	.9534	.3500	-.2912	.6464	.8140					
.2201	-.6170	.5653	.9400	.4500	-.3718	.6263	.8448					
.2600	-.5819	.5740	.9262	.5500	-.2971	.6449	.8162					
.3000	-.5549	.5807	.9157	.6500	-.1196	.6891	.7483					
.3400	-.5485	.5823	.9132	.7500	.0192	.7236	.6949					
.3801	-.5412	.5841	.9103	.8000	.0717	.7367	.6745					
.4199	-.5461	.5829	.9123	.8500	.1131	.7470	.6583					
.4600	-.5462	.5829	.9123	.9000	.1479	.7557	.6446					
.5000	-.5509	.5817	.9141	.9500	.1550	.7574	.6418					
.5400	-.5558	.5805	.9160									
.5799	-.5586	.5798	.9171									
.6201	-.5524	.5813	.9147									
.6600	-.5230	.5886	.9033									
.7000	-.4691	.6021	.8823									
.7500	-.3558	.6303	.8387									
.8000	-.2229	.6634	.7879									
.8500	-.0766	.6998	.7318									
.9237	.0767	.7380	.6725									
.9749	.1369	.7529	.6490									

PT 3.5652 ATM
 TT 268.5927 K
 RC 3.9904 MILLION
 MACH .7005
 ALPHA 1.0081 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .4211
 CM -.0502
 CC .0026

CD2 .01128
 CD3 .01119
 CD4 .01140
 CD5 .01161
 CD6 .01098

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1251	.9989	.0395	0.0000	1.1251	.9989	.0395	.5000	.7401	-.5533	.5808	.9155
.0040	.5061	.8447	.4962	.0040	.4605	.8334	.5162	.5000	.5427	-.5762	.5751	.9245
.0150	-.0320	.7107	.7150	.0080	.2706	.7861	.5958	.5000	.3454	-.5865	.5726	.9285
.0250	-.2185	.6642	.7865	.0262	.1976	.7679	.6252	.5000	.1480	-.5886	.5720	.9293
.0400	-.5179	.5897	.9017	.0500	.1541	.7570	.6424	.5000	-.1480	-.5980	.5697	.9330
.0600	-.6436	.5583	.9510	.1000	.0449	.7298	.6852	.5000	-.5427	-.5830	.5734	.9271
.0800	-.9226	.4888	1.0645	.1500	-.0060	.7172	.7050	.5000	-.7401	-.5610	.5789	.9185
.1000	-.9780	.4750	1.0879	.2000	-.0586	.7041	.7252					
.1400	-.8598	.5045	1.0383	.2500	-.1061	.6922	.7435					
.1799	-.8193	.5146	1.0217	.3500	-.2307	.6612	.7912					
.2201	-.7345	.5357	.9873	.4500	-.3203	.6389	.8255					
.2600	-.6803	.5492	.9656	.5500	-.2608	.6537	.8027					
.3000	-.6389	.5595	.9491	.6500	-.0987	.6941	.7406					
.3400	-.6215	.5638	.9423	.7500	.0286	.7258	.6916					
.3801	-.6061	.5677	.9362	.8000	.0773	.7379	.6726					
.4199	-.6041	.5682	.9354	.8500	.1180	.7481	.6567					
.4600	-.5972	.5699	.9327	.9000	.1487	.7557	.6446					
.5000	-.5943	.5706	.9316	.9500	.1473	.7553	.6451					
.5400	-.5919	.5712	.9306									
.5799	-.5884	.5721	.9293									
.6201	-.5739	.5757	.9235									
.6600	-.5346	.5855	.9082									
.7000	-.4740	.6006	.8846									
.7500	-.3526	.6308	.8379									
.8000	-.2121	.6658	.7841									
.8500	-.0670	.7019	.7285									
.9237	.0679	.7356	.6763									
.9749	.1207	.7487	.6556									

PT 3.5635 ATM
 TT 268.4925 K
 RC 3.9916 MILLION
 MACH .7008
 ALPHA 1.9958 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .5588
 CM -.0476
 CC -.0051

CD2 .01260
 CD3 .01255
 CD4 .01269
 CD5 .01297
 CD6 .01244

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1223	.9984	.0481	0.0000	1.1223	.9984	.0481	.5000	.7401	-.5921	.5726	.9285
.0040	.2611	.7845	.5984	.0040	.7083	.8955	.3995	.5000	.5427	-.6115	.5678	.9361
.0150	-.2682	.6530	.8037	.0080	.5070	.8455	.4947	.5000	.3454	-.6198	.5657	.9393
.0250	-.4173	.6160	.8608	.0262	.3624	.8096	.5568	.5000	.1480	-.6212	.5653	.9399
.0400	-.7325	.5377	.9840	.0500	.2839	.7901	.5891	.5000	-.1480	-.6309	.5629	.9437
.0600	-.8021	.5204	1.0121	.1000	.1482	.7564	.6434	.5000	-.5427	-.6170	.5664	.9382
.0800	-1.0573	.4570	1.1190	.1500	.0821	.7400	.6693	.5000	-.7401	-.5977	.5712	.9306
.1000	-1.1832	.4258	1.1748	.2000	.0206	.7247	.6932					
.1400	-1.2292	.4143	1.1959	.2500	-.0342	.7111	.7143					
.1799	-1.2481	.4096	1.2046	.3500	-.1673	.6781	.7652					
.2201	-1.1671	.4298	1.1675	.4500	-.2635	.6542	.8019					
.2600	-.7367	.5367	.9857	.5500	-.2219	.6645	.7861					
.3000	-.6546	.5570	.9531	.6500	-.0747	.7011	.7298					
.3400	-.6494	.5584	.9510	.7500	.0440	.7306	.6841					
.3801	-.6409	.5605	.9476	.8000	.0893	.7418	.6665					
.4199	-.6407	.5605	.9476	.8500	.1258	.7509	.6522					
.4600	-.6328	.5625	.9444	.9000	.1541	.7579	.6411					
.5000	-.6266	.5640	.9420	.9500	.1490	.7566	.6431					
.5400	-.6202	.5656	.9395									
.5799	-.6117	.5677	.9362									
.6201	-.5914	.5727	.9282									
.6600	-.5464	.5839	.9107									
.7000	-.4816	.6000	.8855									
.7500	-.3567	.6310	.8375									
.8000	-.2152	.6662	.7835									
.8500	-.0701	.7022	.7281									
.9237	.0631	.7353	.6767									
.9749	.1158	.7484	.6561									

PT 3.5635 ATM
 TT 268.5376 K
 RC 3.9840 MILLION
 MACH .6989
 ALPHA 3.0159 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .7268
 CM -.0491
 CC -.0150

CD2 .01732
 CD3 .01733
 CD4 .01738
 CD5 .01794
 CD6 .01777

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0696	.9904	.1169	0.0000	1.0896	.9904	.1169	.5000	.7401	-.5950	.5735	.9269
.0040	-.0143	.7173	.7048	.0040	.8994	.9434	.2892	.5000	.5427	-.5955	.5734	.9272
.0150	-.5164	.5930	.8965	.0080	.7034	.8949	.4008	.5000	.3454	-.5922	.5742	.9259
.0250	-.6208	.5671	.9370	.0262	.5103	.8471	.4920	.5000	.1480	-.5895	.5749	.9248
.0400	-.9592	.4834	1.0736	.0500	.4034	.8206	.5382	.5000	-.1480	-.5955	.5734	.9272
.0600	-1.0953	.4497	1.1319	.1000	.2493	.7825	.6016	.5000	-.5427	-.5951	.5735	.9270
.0800	-1.1609	.4335	1.1608	.1500	.1711	.7631	.6328	.5000	-.7401	-.6005	.5722	.9291
.1000	-1.2945	.4004	1.2220	.2000	.1029	.7463	.6595					
.1400	-1.3702	.3817	1.2581	.2500	.0416	.7311	.6833					
.1799	-1.4267	.3677	1.2859	.3500	-.0942	.6975	.7354					
.2201	-1.4473	.3626	1.2962	.4500	-.1984	.6717	.7751					
.2600	-1.4390	.3647	1.2920	.5500	-.1726	.6781	.7653					
.3000	-1.3919	.3763	1.2687	.6500	-.0395	.7110	.7145					
.3400	-.9037	.4971	1.0505	.7500	.0716	.7385	.6716					
.3801	-.6648	.5562	.9543	.8000	.1142	.7491	.6551					
.4199	-.6030	.5715	.9301	.8500	.1469	.7571	.6423					
.4600	-.5866	.5756	.9237	.9000	.1744	.7639	.6314					
.5000	-.5909	.5745	.9254	.9500	.1699	.7628	.6332					
.5400	-.5957	.5734	.9272									
.5799	-.5953	.5734	.9271									
.6201	-.5812	.5769	.9216									
.6600	-.5430	.5864	.9067									
.7000	-.4822	.6014	.8833									
.7500	-.3644	.6306	.8382									
.8000	-.2300	.6639	.7871									
.8500	-.0859	.6995	.7322									
.9237	.0674	.7375	.6733									
.9749	.1341	.7540	.6473									

PT 3.5669 ATM
 TT 268.6780 K
 RC 3.9945 MILLION
 MACH .7016
 ALPHA 4.0120 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .8736
 CM -.0520
 CC -.0241

CD2 .02788
 CD3 .02794
 CD4 .02816
 CD5 .02909
 CD6 .02907

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0223	.9736	.1956	0.0000	1.0223	.9736	.1956	.5000	.7401	-.5456	.5844	.9099
.0040	-.2432	.6594	.7939	.0040	1.0079	.9700	.2086	.5000	.5427	-.5769	.5766	.9221
.0150	-.7317	.5382	.9833	.0080	.8364	.9274	.3292	.5000	.3454	-.6002	.5708	.9312
.0250	-.7796	.5263	1.0025	.0262	.6177	.8731	.4438	.5000	.1480	-.6210	.5657	.9394
.0400	-1.1051	.4455	1.1394	.0500	.4955	.8428	.4996	.5000	-.1480	-.6346	.5623	.9447
.0600	-1.2664	.4055	1.2125	.1000	.3299	.8017	.5701	.5000	-.5427	-.6042	.5698	.9328
.0800	-1.3376	.3878	1.2462	.1500	.2427	.7801	.6055	.5000	-.7401	-.5540	.5823	.9132
.1000	-1.4433	.3615	1.2983	.2000	.1687	.7617	.6350					
.1400	-1.4706	.3548	1.3123	.2500	.1030	.7454	.6609					
.1799	-1.5583	.3330	1.3583	.3500	-.0371	.7106	.7151					
.2201	-1.5711	.3298	1.3652	.4500	-.1479	.6831	.7575					
.2600	-1.5676	.3307	1.3633	.5500	-.1342	.6865	.7523					
.3000	-1.5544	.3340	1.3562	.6500	-.0135	.7165	.7060					
.3400	-1.5422	.3370	1.3497	.7500	.0902	.7422	.6659					
.3801	-1.3335	.3888	1.2443	.8000	.1298	.7520	.6504					
.4199	-.8858	.4999	1.0459	.8500	.1598	.7595	.6385					
.4600	-.7421	.5356	.9874	.9000	.1858	.7659	.6283					
.5000	-.6331	.5627	.9441	.9500	.1792	.7643	.6309					
.5400	-.5582	.5812	.9149									
.5799	-.5233	.5899	.9013									
.6201	-.5040	.5947	.8938									
.6600	-.4757	.6017	.8829									
.7000	-.4328	.6124	.8663									
.7500	-.3321	.6374	.8278									
.8000	-.2156	.6663	.7833									
.8500	-.0840	.6989	.7331									
.9237	.0652	.7360	.6756									
.9749	.1373	.7539	.6474									

PT 3.5660 ATM
 TT 268.7835 K
 RC 4.0062 MILLION
 MACH .7058
 ALPHA 4.5212 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .9267
 CM -.0537
 CC -.0266

CD2 .03661
 CD3 .03674
 CD4 .03706
 CD5 .03844
 CD6 .03918

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.9940	.9660	.2223	0.0000	.9940	.9660	.2223	.5000	.7401	-.5531	.5796	.9174
.0040	-.3259	.6364	.8293	.0040	1.0433	.9783	.1768	.5000	.5427	-.7118	.5400	.9804
.0150	-.8092	.5156	1.0199	.0080	.8823	.9381	.3029	.5000	.3454	-.7390	.5332	.9914
.0250	-.8315	.5101	1.0291	.0262	.6595	.8825	.4257	.5000	.1480	-.7580	.5284	.9990
.0400	-1.1431	.4322	1.1631	.0500	.5323	.8507	.4854	.5000	-.1480	-.7702	.5254	1.0040
.0600	-1.3074	.3912	1.2396	.1000	.3629	.8084	.5589	.5000	-.5427	-.7575	.5285	.9988
.0800	-1.3753	.3742	1.2728	.1500	.2723	.7858	.5963	.5000	-.7401	-.6047	.5667	.9377
.1000	-1.4854	.3467	1.3290	.2000	.1963	.7668	.6269					
.1400	-1.5273	.3363	1.3512	.2500	.1278	.7497	.6541					
.1799	-1.5769	.3239	1.3782	.3500	-.0149	.7140	.7098					
.2201	-1.5978	.3187	1.3898	.4500	-.1309	.6850	.7545					
.2600	-1.6076	.3162	1.3953	.5500	-.1239	.6868	.7518					
.3000	-1.5965	.3190	1.3891	.6500	-.0077	.7158	.7070					
.3400	-1.5840	.3221	1.3822	.7500	.0933	.7410	.6677					
.3801	-1.5663	.3265	1.3724	.8000	.1312	.7505	.6528					
.4199	-1.0450	.4567	1.1195	.8500	.1583	.7573	.6420					
.4600	-.8731	.4997	1.0463	.9000	.1823	.7633	.6325					
.5000	-.7675	.5261	1.0029	.9500	.1717	.7606	.6367					
.5400	-.6597	.5530	.9595									
.5799	-.5641	.5769	.9217									
.6201	-.4879	.5959	.8919									
.6600	-.4315	.6100	.8701									
.7000	-.3801	.6228	.8502									
.7500	-.2880	.6458	.8148									
.8000	-.1869	.6711	.7760									
.8500	-.0740	.6993	.7326									
.9237	.0577	.7322	.6816									
.9749	.1209	.7480	.6568									

PT 3.5651 ATM
 TT 268.8493 K
 RC 3.9921 MILLION
 MACH .7024
 ALPHA 5.0202 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .9407
 CM -.0502
 CC -.0281

CD2 .04224
 CD3 .04217
 CD4 .04301
 CD5 .04560
 CD6 .04774

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.9579	.9571	.2506	0.0000	.9579	.9571	.2506	.5000	.7401	-.5816	.5729	.9280
.0040	-.4147	.6146	.8630	.0040	1.0620	.9831	.1560	.5000	.5427	-.7812	.5231	1.0077
.0150	-.9059	.4920	1.0592	.0080	.9132	.9459	.2823	.5000	.3454	-.7911	.5206	1.0118
.0250	-.9007	.4933	1.0570	.0262	.6851	.8890	.4127	.5000	.1480	-.7999	.5184	1.0153
.0400	-1.1959	.4196	1.1861	.0500	.5548	.8565	.4749	.5000	-.1480	-.8058	.5170	1.0177
.0600	-1.3613	.3783	1.2647	.1000	.3827	.8135	.5502	.5000	-.5427	-.8074	.5165	1.0184
.0800	-1.4254	.3623	1.2968	.1500	.2886	.7901	.5892	.5000	-.7401	-.6549	.5546	.9569
.1000	-1.5386	.3341	1.3560	.2000	.2094	.7703	.6213					
.1400	-1.5829	.3230	1.3801	.2500	.1394	.7528	.6491					
.1799	-1.6360	.3098	1.4100	.3500	-.0081	.7160	.7067					
.2201	-1.6354	.3099	1.4096	.4500	-.1293	.6858	.7534					
.2600	-1.6365	.3096	1.4103	.5500	-.1275	.6862	.7527					
.3000	-1.6362	.3097	1.4101	.6500	-.0166	.7139	.7100					
.3400	-1.6267	.3121	1.4047	.7500	.0787	.7377	.6730					
.3801	-1.3294	.3863	1.2491	.8000	.1137	.7464	.6592					
.4199	-.9935	.4701	1.0963	.8500	.1398	.7529	.6489					
.4600	-.8917	.4955	1.0533	.9000	.1593	.7578	.6412					
.5000	-.8057	.5170	1.0177	.9500	.1400	.7530	.6489					
.5400	-.7054	.5420	.9771									
.5799	-.5995	.5684	.9350									
.6201	-.5074	.5914	.8989									
.6600	-.4262	.6117	.8674									
.7000	-.3646	.6270	.8437									
.7500	-.2694	.6508	.8071									
.8000	-.1794	.6733	.7726									
.8500	-.0608	.6979	.7348									
.9237	.0117	.7210	.6990									
.9749	.0775	.7374	.6734									

PT 3.5669 ATM
 TT 269.0556 K
 RC 3.9899 MILLION
 MACH .7024
 ALPHA 6.0207 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .8801
 CM -.0461
 CC -.0230

CD2 .06346
 CD3 .06686
 CD4 .07159
 CD5 .07176
 CD6 .06676

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.9046	.9443	.2869	0.0000	.9046	.9443	.2869	.5000	.7401	-.6201	.5654	.9398
.0040	-.5333	.5870	.9059	.0040	1.0907	.9905	.1167	.5000	.5427	-.7288	.5384	.9829
.0150	-1.1028	.4455	1.1394	.0080	.9604	.9581	.2475	.5000	.3454	-.7151	.5418	.9774
.0250	-1.0087	.4689	1.0985	.0262	.7307	.9010	.3880	.5000	.1480	-.7062	.5440	.9739
.0400	-1.2540	.4079	1.2079	.0500	.5961	.8676	.4543	.5000	-.1480	-.7119	.5426	.9761
.0600	-1.4220	.3662	1.2890	.1000	.4193	.8237	.5329	.5000	-.5427	-.7249	.5394	.9813
.0800	-1.4871	.3500	1.3222	.1500	.3216	.7994	.5739	.5000	-.7401	-.6688	.5533	.9590
.1000	-1.6049	.3207	1.3852	.2000	.2362	.7782	.6086					
.1400	-1.6289	.3148	1.3986	.2500	.1637	.7602	.6375					
.1799	-1.5550	.3331	1.3580	.3500	.0041	.7205	.6998					
.2201	-1.4265	.3650	1.2913	.4500	-.1289	.6875	.7508					
.2600	-1.3253	.3902	1.2416	.5500	-.1359	.6857	.7535					
.3000	-1.1994	.4215	1.1827	.6500	-.0341	.7110	.7145					
.3400	-1.0872	.4494	1.1325	.7500	.0505	.7320	.6818					
.3801	-.9644	.4799	1.0797	.8000	.0791	.7391	.6707					
.4199	-.8725	.5027	1.0413	.8500	.0979	.7438	.6633					
.4600	-.7866	.5240	1.0061	.9000	.1115	.7472	.6580					
.5000	-.7073	.5437	.9743	.9500	.0614	.7348	.6775					
.5400	-.6393	.5606	.9473									
.5799	-.5720	.5774	.9209									
.6201	-.5090	.5930	.8964									
.6600	-.4499	.6077	.8736									
.7000	-.3964	.6210	.8530									
.7500	-.3197	.6401	.8237									
.8000	-.2421	.6593	.7940									
.8500	-.1621	.6792	.7635									
.9237	-.1109	.6919	.7440									
.9749	-.0596	.7047	.7243									

PT 3.5636 ATM
 TT 269.1005 K
 RC 3.9793 MILLION
 MACH .7007
 ALPHA 7.0058 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .8465
 CM -.0422
 CC -.0186

CD2 .07405
 CD3 .07770
 CD4 .08161
 CD5 .08471
 CD6 .08431

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	.8487	.9300	.3230	0.0000	.8487	.9300	.3230	.5000	.7401	-.6763	.5502	.9640
.0040	-.6290	.5619	.9453	.0040	1.1066	.9943	.0903	.5000	.5427	-.6863	.5476	.9680
.0150	-1.3229	.3891	1.2437	.0080	.9932	.9661	.2222	.5000	.3454	-.6714	.5514	.9621
.0250	-1.1399	.4347	1.1587	.0262	.7651	.9092	.3706	.5000	.1480	-.6652	.5529	.9596
.0400	-1.3031	.3940	1.2342	.0500	.6269	.8748	.4406	.5000	-.1480	-.6692	.5519	.9612
.0600	-1.4561	.3559	1.3100	.1000	.4429	.8290	.5238	.5000	-.5427	-.6805	.5491	.9657
.0800	-1.5325	.3368	1.3500	.1500	.3391	.8031	.5677	.5000	-.7401	-.6878	.5473	.9686
.1000	-1.6489	.3078	1.4144	.2000	.2499	.7809	.6042					
.1400	-1.6546	.3064	1.4176	.2500	.1724	.7616	.6352					
.1799	-1.4797	.3500	1.3222	.3500	.0058	.7201	.7004					
.2201	-1.2381	.4102	1.2036	.4500	-.1390	.6840	.7561					
.2600	-1.0965	.4455	1.1394	.5500	-.1629	.6780	.7653					
.3000	-1.0000	.4695	1.0974	.6500	-.0709	.7010	.7300					
.3400	-.9342	.4859	1.0694	.7500	.0064	.7202	.7002					
.3801	-.8685	.5023	1.0420	.8000	.0305	.7262	.6909					
.4199	-.8040	.5183	1.0155	.8500	.0404	.7287	.6870					
.4600	-.7306	.5366	.9858	.9000	.0444	.7297	.6855					
.5000	-.6589	.5545	.9571	.9500	-.0217	.7132	.7111					
.5400	-.5976	.5698	.9329									
.5799	-.5368	.5849	.9091									
.6201	-.4806	.5989	.8873									
.6600	-.4303	.6114	.8678									
.7000	-.3908	.6213	.8526									
.7500	-.3416	.6335	.8337									
.8000	-.3014	.6435	.8183									
.8500	-.2679	.6519	.8055									
.9237	-.2357	.6599	.7932									
.9749	-.2098	.6664	.7832									

PT 2.6566 ATM
 TT 219.1332 K
 RC 4.0170 MILLION
 MACH .7327
 ALPHA -1.0081 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .1707
 CM -.0555
 CC .0094

CD2 .01101
 CD3 .01102
 CD4 .01102
 CD5 .01120
 CD6 .01068

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0812	.9845	.1492	0.0000	1.0812	.9845	.1492	.5000	.7401	-.4936	.5719	.9298
.0040	.9126	.9404	.2973	.0040	-.2923	.6247	.8477	.5000	.5427	-.5127	.5669	.9377
.0150	.4191	.8111	.5547	.0080	-.4530	.5826	.9131	.5000	.3454	-.5206	.5649	.9410
.0250	.2061	.7552	.6456	.0262	-.2565	.6340	.8332	.5000	.1480	-.5236	.5641	.9422
.0400	-.0603	.6802	.7623	.0500	-.1690	.6570	.7980	.5000	-.1480	-.5297	.5625	.9447
.0600	-.2482	.6362	.8299	.1000	-.1813	.6538	.8029	.5000	-.5427	-.5145	.5665	.9384
.0800	-.4551	.5820	.9140	.1500	-.2134	.6453	.8159	.5000	-.7401	-.4923	.5723	.9292
.1000	-.4629	.5800	.9171	.2000	-.2395	.6385	.8264					
.1400	-.5105	.5675	.9368	.2500	-.2748	.6293	.8406					
.1799	-.5250	.5637	.9428	.3500	-.3841	.6006	.8849					
.2201	-.5154	.5662	.9388	.4500	-.4610	.5805	.9164					
.2600	-.4967	.5711	.9311	.5500	-.3533	.6087	.8724					
.3000	-.4847	.5743	.9261	.6500	-.1472	.6627	.7892					
.3400	-.4901	.5728	.9284	.7500	.0071	.7031	.7270					
.3801	-.4922	.5723	.9292	.8000	.0644	.7181	.7038					
.4199	-.5042	.5691	.9342	.8500	.1080	.7296	.6860					
.4600	-.5134	.5668	.9380	.9000	.1465	.7396	.6702					
.5000	-.5270	.5632	.9436	.9500	.1595	.7430	.6648					
.5400	-.5396	.5599	.9489									
.5799	-.5500	.5572	.9532									
.6201	-.5504	.5571	.9534									
.6600	-.5235	.5641	.9422									
.7000	-.4643	.5796	.9177									
.7500	-.3494	.6097	.8708									
.8000	-.2172	.6443	.8174									
.8500	-.0718	.6824	.7588									
.9237	.0859	.7238	.6950									
.9749	.1477	.7399	.6697									

PT 2.6570 ATM
 TT 219.0737 K
 RC 4.0146 MILLION
 MACH .7312
 ALPHA -.0102 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .2893
 CM -.0529
 CC .0083

CD2 .01152
 CD3 .01152
 CD4 .01153
 CD5 .01175
 CD6 .01114

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1299	.9970	.0655	0.0000	1.1299	.9970	.0655	.5000	.7401	-.5409	.5572	.9531
.0040	.7700	.9023	.3856	.0040	.0909	.7235	.6954	.5000	.5427	-.5614	.5519	.9616
.0150	.2481	.7649	.6302	.0080	-.0768	.6794	.7635	.5000	.3454	-.5703	.5495	.9654
.0250	.0450	.7114	.7141	.0262	-.0289	.6920	.7441	.5000	.1480	-.5732	.5487	.9666
.0400	-.2587	.6315	.8371	.0500	-.0109	.6967	.7368	.5000	-.1480	-.5832	.5461	.9708
.0600	-.4108	.5915	.8992	.1000	-.0747	.6799	.7627	.5000	-.5427	-.5652	.5508	.9632
.0800	-.6599	.5259	1.0034	.1500	-.1155	.6692	.7792	.5000	-.7401	-.5415	.5571	.9533
.1000	-.6496	.5286	.9990	.2000	-.1562	.6585	.7956					
.1400	-.6863	.5190	1.0147	.2500	-.1993	.6472	.8131					
.1799	-.6861	.5190	1.0147	.3500	-.3214	.6150	.8626					
.2201	-.6435	.5302	.9964	.4500	-.4102	.5916	.8989					
.2600	-.6049	.5404	.9800	.5500	-.3231	.6146	.8633					
.3000	-.5774	.5476	.9684	.6500	-.1311	.6651	.7855					
.3400	-.5714	.5492	.9658	.7500	.0135	.7032	.7269					
.3801	-.5663	.5506	.9637	.8000	.0674	.7173	.7050					
.4199	-.5715	.5492	.9659	.8500	.1099	.7285	.6876					
.4600	-.5739	.5485	.9669	.9000	.1449	.7378	.6731					
.5000	-.5796	.5470	.9693	.9500	.1493	.7389	.6713					
.5400	-.5845	.5458	.9714									
.5799	-.5876	.5449	.9727									
.6201	-.5785	.5473	.9689									
.6600	-.5379	.5580	.9518									
.7000	-.4698	.5759	.9235									
.7500	-.3450	.6088	.8722									
.8000	-.2054	.6455	.8155									
.8500	-.0607	.6836	.7570									
.9237	.0767	.7198	.7012									
.9749	.1290	.7336	.6797									

PT 2.6576 ATM
 TT 219.1038 K
 RC 4.0164 MILLION
 MACH .7317
 ALPHA 1.0081 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .4253
 CM -.0497
 CC .0032

CD2 .01222
 CD3 .01216
 CD4 .01218
 CD5 .01228
 CD6 .01175

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1369	.9992	.0333	0.0000	1.1369	.9992	.0333	.5000	.7401	-.5769	.5510	.9630
.0040	.5705	.8511	.4850	.0040	.4307	.8145	.5488	.5000	.5427	-.5976	.5456	.9716
.0150	.0369	.7115	.7140	.0080	.2371	.7639	.6318	.5000	.3454	-.6073	.5430	.9757
.0250	-.1454	.6639	.7874	.0262	.1804	.7491	.6554	.5000	.1480	-.6106	.5422	.9771
.0400	-.4521	.5836	.9114	.0500	.1422	.7391	.6711	.5000	-.1480	-.6212	.5394	.9816
.0600	-.5759	.5513	.9626	.1000	.0369	.7115	.7140	.5000	-.5427	-.6042	.5439	.9744
.0800	-.8422	.4816	1.0769	.1500	-.0132	.6984	.7342	.5000	-.7401	-.5820	.5497	.9651
.1000	-.9634	.4499	1.1318	.2000	-.0649	.6849	.7551					
.1400	-.9542	.4523	1.1276	.2500	-.1156	.6717	.7754					
.1799	-.9486	.4538	1.1250	.3500	-.2453	.6377	.8276					
.2201	-.9012	.4662	1.1034	.4500	-.3426	.6123	.8668					
.2600	-.7214	.5132	1.0242	.5500	-.2793	.6288	.8413					
.3000	-.6340	.5361	.9869	.6500	-.1059	.6742	.7715					
.3400	-.6242	.5386	.9828	.7500	.0285	.7093	.7174					
.3801	-.6187	.5401	.9805	.8000	.0785	.7224	.6971					
.4199	-.6207	.5396	.9813	.8500	.1176	.7326	.6811					
.4600	-.6179	.5403	.9802	.9000	.1491	.7409	.6682					
.5000	-.6173	.5404	.9799	.9500	.1469	.7403	.6691					
.5400	-.6149	.5411	.9789									
.5799	-.6087	.5427	.9763									
.6201	-.5901	.5475	.9685									
.6600	-.5413	.5603	.9482									
.7000	-.4680	.5795	.9179									
.7500	-.3377	.6136	.8648									
.8000	-.1951	.6509	.8074									
.8500	-.0552	.6875	.7511									
.9237	.0703	.7203	.7004									
.9749	.1169	.7325	.6814									

PT 2.6574 ATM
 TT 219.0877 K
 RC 4.0217 MILLION
 MACH .7334
 ALPHA 2.0060 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .5972
 CM -.0516
 CC -.0033

CD2 .01540
 CD3 .01528
 CD4 .01560
 CD5 .01582
 CD6 .01540

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1359	.9987	.0428	0.0000	1.1359	.9987	.0428	.5000	.7401	-.5869	.5462	.9707
.0040	.3644	.7961	.5796	.0040	.6785	.8786	.4335	.5000	.5427	-.5719	.5501	.9644
.0150	-.1612	.6580	.7964	.0080	.4763	.8255	.5302	.5000	.3454	-.5536	.5550	.9567
.0250	-.3146	.6177	.8584	.0262	.3492	.7921	.5862	.5000	.1480	-.5480	.5564	.9543
.0400	-.6287	.5352	.9883	.0500	.2737	.7723	.6184	.5000	-.1480	-.5568	.5541	.9580
.0600	-.7030	.5157	1.0201	.1000	.1426	.7378	.6731	.5000	-.5427	-.5694	.5508	.9633
.0800	-.9430	.4527	1.1270	.1500	.0770	.7206	.6999	.5000	-.7401	-.5864	.5463	.9705
.1000	-1.0722	.4188	1.1880	.2000	.0171	.7049	.7243					
.1400	-1.1310	.4033	1.2168	.2500	-.0403	.6898	.7475					
.1799	-1.1810	.3902	1.2419	.3500	-.1744	.6546	.8017					
.2201	-1.2027	.3845	1.2529	.4500	-.2794	.6270	.8441					
.2600	-1.1436	.3869	1.2483	.5500	-.2351	.6386	.8262					
.3000	-1.1757	.3915	1.2392	.6500	-.0763	.6803	.7621					
.3400	-1.1560	.3967	1.2293	.7500	.0504	.7136	.7108					
.3801	-.9943	.4392	1.1508	.8000	.0976	.7260	.6915					
.4199	-.6539	.5286	.9990	.8500	.1338	.7355	.6767					
.4600	-.5580	.5538	.9585	.9000	.1642	.7435	.6641					
.5000	-.5522	.5553	.9561	.9500	.1611	.7427	.6654					
.5400	-.5661	.5517	.9619									
.5799	-.5775	.5487	.9667									
.6201	-.5706	.5505	.9638									
.6600	-.5315	.5608	.9475									
.7000	-.4658	.5780	.9202									
.7500	-.3415	.6107	.8693									
.8000	-.2050	.6465	.8140									
.8500	-.0651	.6833	.7576									
.9237	.0727	.7195	.7017									
.9749	.1283	.7341	.6789									

PT 2.6569 ATM
 TT 219.0967 K
 RC 4.0111 MILLION
 MACH .7304
 ALPHA 2.5144 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6817
 CM -.0558
 CC -.0063

CD2 .01886
 CD3 .01875
 CD4 .01911
 CD5 .01934
 CD6 .01875

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1341	.9981	.0519	0.0000	1.1341	.9981	.0519	.5000	.7401	-.5590	.5525	.9606
.0040	.2610	.7683	.6248	.0040	.7709	.9025	.3851	.5000	.5427	-.5426	.5568	.9537
.0150	-.2566	.6321	.8362	.0080	.5723	.8502	.4865	.5000	.3454	-.5633	.5513	.9624
.0250	-.3918	.5965	.8913	.0262	.4185	.8098	.5568	.5000	.1480	-.5910	.5441	.9741
.0400	-.7150	.5114	1.0271	.0500	.3314	.7868	.5948	.5000	-.1480	-.5981	.5422	.9771
.0600	-.7887	.4920	1.0594	.1000	.1905	.7498	.6543	.5000	-.5427	-.5486	.5552	.9563
.0800	-.9853	.4403	1.1489	.1500	.1193	.7310	.6837	.5000	-.7401	-.5597	.5523	.9609
.1000	-1.1150	.4061	1.2114	.2000	.0550	.7141	.7100					
.1400	-1.1654	.3929	1.2367	.2500	-.0042	.6985	.7341					
.1799	-1.2426	.3726	1.2764	.3500	-.1417	.6623	.7898					
.2201	-1.2664	.3663	1.2890	.4500	-.2497	.6339	.8335					
.2600	-1.2623	.3674	1.2868	.5500	-.2122	.6438	.8183					
.3000	-1.2519	.3701	1.2813	.6500	-.0607	.6836	.7570					
.3400	-1.2432	.3724	1.2767	.7500	.0615	.7158	.7074					
.3801	-1.2348	.3746	1.2723	.8000	.1074	.7279	.6886					
.4199	-1.2112	.3808	1.2601	.8500	.1429	.7372	.6740					
.4600	-.8356	.4797	1.0802	.9000	.1724	.7450	.6618					
.5000	-.6042	.5406	.9797	.9500	.1680	.7438	.6636					
.5400	-.5350	.5588	.9506									
.5799	-.5161	.5638	.9427									
.6201	-.5075	.5660	.9391									
.6600	-.4828	.5725	.9288									
.7000	-.4317	.5860	.9077									
.7500	-.3231	.6146	.8633									
.8000	-.1978	.6475	.8125									
.8500	-.0655	.6824	.7589									
.9237	.0727	.7187	.7028									
.9749	.1337	.7348	.6778									

PT 2.6571 ATM
 TT 219.1239 K
 RC 4.0162 MILLION
 MACH .7321
 ALPHA 3.0243 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .7615
 CM -.0616
 CC -.0088

CD2 .02505
 CD3 .02497
 CD4 .02547
 CD5 .02576
 CD6 .02455

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1236	.9953	.0822	0.0000	1.1236	.9953	.0822	.5000	.7401	-.5671	.5497	.9651
.0040	.1582	.7408	.6683	.0040	.8496	.9230	.3397	.5000	.5427	-.6504	.5277	1.0004
.0150	-.3483	.6073	.8745	.0080	.6533	.8713	.4475	.5000	.3454	-.7457	.5026	1.0417
.0250	-.4656	.5764	.9227	.0262	.4796	.8255	.5300	.5000	.1480	-.8261	.4814	1.0773
.0400	-.7967	.4892	1.0642	.0500	.3810	.7996	.5739	.5000	-.1480	-.8417	.4773	1.0843
.0600	-.9356	.4526	1.1271	.1000	.2330	.7605	.6372	.5000	-.5427	-.6800	.5199	1.0132
.0800	-1.0079	.4335	1.1610	.1500	.1568	.7405	.6689	.5000	-.7401	-.5842	.5452	.9723
.1000	-1.1439	.3977	1.2274	.2000	.0893	.7227	.6967					
.1400	-1.2323	.3744	1.2728	.2500	.0272	.7063	.7220					
.1799	-1.2910	.3589	1.3040	.3500	-.1128	.6694	.7789					
.2201	-1.3188	.3516	1.3191	.4500	-.2242	.6401	.8240					
.2600	-1.3303	.3485	1.3254	.5500	-.1947	.6478	.8120					
.3000	-1.3204	.3512	1.3200	.6500	-.0502	.6859	.7535					
.3400	-1.3150	.3526	1.3170	.7500	.0680	.7171	.7054					
.3801	-1.3025	.3559	1.3102	.8000	.1123	.7287	.6872					
.4199	-1.3079	.3544	1.3132	.8500	.1454	.7375	.6736					
.4600	-1.2897	.3593	1.3032	.9000	.1735	.7449	.6620					
.5000	-.8570	.4733	1.0912	.9500	.1666	.7430	.6648					
.5400	-.6481	.5283	.9995									
.5799	-.5580	.5521	.9612									
.6201	-.4925	.5693	.9339									
.6600	-.4397	.5833	.9120									
.7000	-.3865	.5973	.8901									
.7500	-.2895	.6229	.8505									
.8000	-.1805	.6516	.8063									
.8500	-.0637	.6824	.7590									
.9237	.0639	.7160	.7071									
.9749	.1257	.7323	.6817									

PT 2.6570 ATM
 TT 219.4757 K
 RC 4.0013 MILLION
 MACH .7303
 ALPHA 3.5300 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .8118
 CM -.0632
 CC -.0105

CD2 .03237
 CD3 .03224
 CD4 .03268
 CD5 .03294
 CD6 .03176

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1077	.9911	.1130	0.0000	1.1077	.9911	.1130	.5000	.7401	-.5984	.5417	.9779
.0040	.0647	.7164	.7065	.0040	.9133	.9399	.2985	.5000	.5427	-.7288	.5073	1.0339
.0150	-.4350	.5847	.9097	.0080	.7220	.8895	.4119	.5000	.3454	-.8077	.4866	1.0686
.0250	-.5313	.5594	.9497	.0262	.5328	.8397	.5054	.5000	.1480	-.8626	.4721	1.0932
.0400	-.8631	.4720	1.0934	.0500	.4241	.8110	.5547	.5000	-.1480	-.8711	.4699	1.0970
.0600	-1.0132	.4324	1.1630	.1000	.2706	.7706	.6211	.5000	-.5427	-.7639	.4981	1.0492
.0800	-1.1043	.4084	1.2071	.1500	.1895	.7493	.6551	.5000	-.7401	-.6418	.5303	.9964
.1000	-1.1868	.3867	1.2485	.2000	.1202	.7310	.6837					
.1400	-1.2817	.3617	1.2983	.2500	.0550	.7138	.7105					
.1799	-1.3499	.3438	1.3355	.3500	-.0868	.6765	.7680					
.2201	-1.3633	.3402	1.3430	.4500	-.2028	.6459	.8150					
.2600	-1.3689	.3388	1.3461	.5500	-.1826	.6512	.8068					
.3000	-1.3678	.3390	1.3455	.6500	-.0444	.6876	.7509					
.3400	-1.3699	.3385	1.3467	.7500	.0704	.7179	.7042					
.3801	-1.3642	.3400	1.3435	.8000	.1122	.7289	.6870					
.4199	-1.3697	.3385	1.3466	.8500	.1407	.7364	.6753					
.4600	-1.3359	.3474	1.3277	.9000	.1662	.7431	.6647					
.5000	-.8798	.4676	1.1010	.9500	.1527	.7396	.6703					
.5400	-.7034	.5140	1.0228									
.5799	-.6155	.5372	.9851									
.6201	-.5266	.5606	.9477									
.6600	-.4427	.5827	.9129									
.7000	-.3687	.6022	.8825									
.7500	-.2639	.6298	.8397									
.8000	-.1657	.6557	.7999									
.8500	-.0698	.6809	.7612									
.9237	.0414	.7102	.7160									
.9749	.0933	.7239	.6948									

PT 2.6574 ATM
 TT 219.5275 K
 RC 4.0049 MILLION
 MACH .7316
 ALPHA 4.0149 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .8306
 CM -.0592
 CC -.0116

CD2 .04252
 CD3 .04320
 CD4 .04325
 CD5 .04208
 CD6 .03985

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0853	.9856	.1437	0.0000	1.0853	.9856	.1437	.5000	.7401	-.6009	.5440	.9742
.0040	-.0266	.6944	.7404	.0040	.9592	.9526	.2639	.5000	.5427	-.7499	.5050	1.0378
.0150	-.5222	.5646	.9414	.0080	.7780	.9052	.3795	.5000	.3454	-.7787	.4974	1.0503
.0250	-.5998	.5443	.9737	.0262	.5768	.8524	.4825	.5000	.1480	-.7816	.4967	1.0516
.0400	-.9279	.4584	1.1169	.0500	.4640	.8229	.5345	.5000	-.1480	-.7839	.4961	1.0526
.0600	-1.0864	.4169	1.1915	.1000	.3025	.7806	.6049	.5000	-.5427	-.7734	.4988	1.0480
.0800	-1.1687	.3953	1.2320	.1500	.2178	.7584	.6405	.5000	-.7401	-.6599	.5286	.9991
.1000	-1.2660	.3698	1.2818	.2000	.1431	.7389	.6714					
.1400	-1.3116	.3579	1.3061	.2500	.0779	.7218	.6981					
.1799	-1.4043	.3336	1.3572	.3500	-.0705	.6829	.7581					
.2201	-1.4203	.3294	1.3663	.4500	-.1902	.6516	.8063					
.2600	-1.4235	.3286	1.3681	.5500	-.1738	.6559	.7996					
.3000	-1.4220	.3290	1.3672	.6500	-.0438	.6899	.7473					
.3400	-1.4200	.3295	1.3661	.7500	.0614	.7175	.7048					
.3801	-1.4131	.3313	1.3622	.8000	.0998	.7275	.6891					
.4199	-1.3268	.3539	1.3143	.8500	.1297	.7354	.6769					
.4600	-.9842	.4436	1.1429	.9000	.1496	.7406	.6687					
.5000	-.7845	.4959	1.0528	.9500	.1248	.7341	.6789					
.5400	-.6967	.5189	1.0148									
.5799	-.6225	.5384	.9833									
.6201	-.5362	.5610	.9471									
.6600	-.4471	.5843	.9104									
.7000	-.3688	.6048	.8784									
.7500	-.2642	.6322	.8361									
.8000	-.1713	.6565	.7986									
.8500	-.0906	.6777	.7662									
.9237	-.0053	.7000	.7318									
.9749	.0456	.7132	.7114									

PT 2.6570 ATM
 TT 219.5376 K
 RC 4.0005 MILLION
 MACH .7305
 ALPHA 4.5212 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .7854
 CM -.0526
 CC -.0078

CD2 .05084
 CD3 .05325
 CD4 .05405
 CD5 .05165
 CD6 .04782

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0694	.9812	.1645	0.0000	1.0694	.9812	.1645	.5000	.7401	-.6049	.5415	.9783
.0040	-.0796	.6794	.7634	.0040	.9822	.9583	.2469	.5000	.5427	-.7291	.5089	1.0314
.0150	-.5697	.5507	.9634	.0080	.8051	.9118	.3651	.5000	.3454	-.7331	.5078	1.0331
.0250	-.6336	.5339	.9904	.0262	.5979	.8574	.4735	.5000	.1480	-.7172	.5120	1.0262
.0400	-.9579	.4488	1.1338	.0500	.4802	.8265	.5284	.5000	-.1480	-.7109	.5136	1.0235
.0600	-1.1186	.4066	1.2106	.1000	.3158	.7833	.6005	.5000	-.5427	-.7276	.5093	1.0307
.0800	-1.1954	.3864	1.2492	.1500	.2288	.7605	.6373	.5000	-.7401	-.6654	.5256	1.0039
.1000	-1.2971	.3597	1.3024	.2000	.1515	.7402	.6694					
.1400	-1.3399	.3484	1.3256	.2500	.0834	.7223	.6973					
.1799	-1.4186	.3278	1.3699	.3500	-.0714	.6816	.7601					
.2201	-1.4380	.3227	1.3811	.4500	-.1998	.6479	.8119					
.2600	-1.4264	.3257	1.3744	.5500	-.1909	.6502	.8083					
.3000	-1.3085	.3567	1.3085	.6500	-.0644	.6834	.7573					
.3400	-1.1941	.3867	1.2485	.7500	.0373	.7102	.7161					
.3801	-1.0439	.4262	1.1744	.8000	.0717	.7192	.7021					
.4199	-.9305	.4560	1.1212	.8500	.0962	.7256	.6921					
.4600	-.8107	.4874	1.0672	.9000	.1116	.7297	.6858					
.5000	-.7110	.5136	1.0235	.9500	.0674	.7181	.7039					
.5400	-.6424	.5316	.9941									
.5799	-.5759	.5491	.9660									
.6201	-.5083	.5669	.9378									
.6600	-.4406	.5846	.9098									
.7000	-.3813	.6002	.8855									
.7500	-.2981	.6221	.8517									
.8000	-.2238	.6416	.8216									
.8500	-.1606	.6582	.7961									
.9237	-.1001	.6741	.7717									
.9749	-.0576	.6852	.7546									

PT 2.6572 ATM
 TT 219.4810 K
 RC 4.0038 MILLION
 MACH .7310
 ALPHA 5.0220 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .7675
 CM -.0504
 CC -.0055

CD2 .06367
 CD3 .06616
 CD4 .06585
 CD5 .06102
 CD6 .05451

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0474	.9753	.1891	0.0000	1.0474	.9753	.1891	.5000	.7401	-.6418	.5307	.9956
.0040	-.1427	.6621	.7901	.0040	1.0118	.9659	.2228	.5000	.5427	-.7219	.5096	1.0301
.0150	-.6306	.5336	.9909	.0080	.8405	.9208	.3449	.5000	.3454	-.7106	.5126	1.0252
.0250	-.6758	.5218	1.0102	.0262	.6257	.8643	.4607	.5000	.1480	-.6839	.5196	1.0137
.0400	-.9922	.4385	1.1521	.0500	.5019	.8317	.5193	.5000	-.1480	-.6773	.5214	1.0108
.0600	-1.1528	.3962	1.2302	.1000	.3373	.7884	.5922	.5000	-.5427	-.7168	.5110	1.0279
.0800	-1.2257	.3770	1.2675	.1500	.2473	.7647	.6305	.5000	-.7401	-.6739	.5222	1.0094
.1000	-1.3314	.3492	1.3240	.2000	.1686	.7440	.6633					
.1400	-1.3779	.3370	1.3499	.2500	.0969	.7251	.6929					
.1799	-1.4355	.3218	1.3830	.3500	-.0604	.6837	.7569					
.2201	-1.3807	.3362	1.3515	.4500	-.1956	.6481	.8115					
.2600	-1.2531	.3698	1.2819	.5500	-.1969	.6478	.8121					
.3000	-1.1213	.4045	1.2145	.6500	-.0746	.6800	.7626					
.3400	-1.0372	.4267	1.1735	.7500	.0266	.7066	.7216					
.3801	-.9366	.4531	1.1262	.8000	.0590	.7152	.7084					
.4199	-.8577	.4739	1.0902	.8500	.0750	.7194	.7018					
.4600	-.7603	.4995	1.0469	.9000	.0891	.7231	.6961					
.5000	-.6771	.5214	1.0107	.9500	.0345	.7087	.7184					
.5400	-.6163	.5374	.9848									
.5799	-.5546	.5537	.9588									
.6201	-.4954	.5692	.9340									
.6600	-.4398	.5839	.9111									
.7000	-.3896	.5971	.8904									
.7500	-.3153	.6166	.8601									
.8000	-.2574	.6319	.8366									
.8500	-.2039	.6459	.8149									
.9237	-.1509	.6599	.7935									
.9749	-.1155	.6692	.7792									

PT 2.6573 ATM
 TT 219.4868 K
 RC 4.0061 MILLION
 MACH .7317
 ALPHA 6.0486 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .7541
 CM -.0465
 CC -.0022

CD2 .07570
 CD3 .07924
 CD4 .08220
 CD5 .08144
 CD6 .07513

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0073	.9647	.2269	0.0000	1.0073	.9647	.2269	.5000	.7401	-.6742	.5218	1.0101
.0040	-.2661	.6293	.8406	.0040	1.0555	.9774	.1809	.5000	.5427	-.6857	.5188	1.0151
.0150	-.7597	.4993	1.0473	.0080	.9006	.9366	.3070	.5000	.3454	-.6611	.5252	1.0045
.0250	-.7719	.4960	1.0527	.0262	.6799	.8784	.4338	.5000	.1480	-.6436	.5298	.9970
.0400	-1.0630	.4194	1.1868	.0500	.5518	.8447	.4965	.5000	-.1480	-.6407	.5306	.9958
.0600	-1.2258	.3765	1.2686	.1000	.3760	.7984	.5758	.5000	-.5427	-.6817	.5198	1.0134
.0800	-1.2904	.3595	1.3028	.1500	.2802	.7732	.6170	.5000	-.7401	-.6901	.5176	1.0170
.1000	-1.4019	.3301	1.3648	.2000	.1955	.7509	.6525					
.1400	-1.4477	.3180	1.3914	.2500	.1204	.7311	.6836					
.1799	-1.4243	.3242	1.3777	.3500	-.0472	.6869	.7520					
.2201	-1.2530	.3693	1.2829	.4500	-.1939	.6483	.8113					
.2600	-1.1088	.4073	1.2092	.5500	-.2085	.6444	.8172					
.3000	-.9675	.4445	1.1414	.6500	-.0973	.6737	.7723					
.3400	-.8716	.4698	1.0972	.7500	-.0070	.6975	.7356					
.3801	-.7992	.4888	1.0647	.8000	.0213	.7050	.7241					
.4199	-.7470	.5026	1.0417	.8500	.0341	.7083	.7189					
.4600	-.6892	.5178	1.0166	.9000	.0397	.7098	.7166					
.5000	-.6351	.5321	.9934	.9500	-.0266	.6923	.7436					
.5400	-.5863	.5449	.9727									
.5799	-.5315	.5594	.9497									
.6201	-.4803	.5729	.9283									
.6600	-.4354	.5847	.9098									
.7000	-.3973	.5947	.8941									
.7500	-.3474	.6079	.8737									
.8000	-.3113	.6173	.8590									
.8500	-.2745	.6271	.8440									
.9237	-.2491	.6337	.8337									
.9749	-.2225	.6407	.8229									

PT 2.6098 ATM
 TT 219.5126 K
 RC 4.0010 MILLION
 MACH .7533
 ALPHA -.9979 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .1675
 CM -.0548
 CC .0097

CD2 .01146
 CD3 .01151
 CD4 .01151
 CD5 .01165
 CD6 .01110

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0886	.9831	.1561	0.0000	1.0886	.9831	.1561	.5000	.7401	-.5198	.5430	.9758
.0040	.9339	.9407	.2963	.0040	-.2930	.6051	.8780	.5000	.5427	-.5424	.5368	.9858
.0150	.4480	.8078	.5601	.0080	-.4688	.5570	.9535	.5000	.3454	-.5522	.5341	.9901
.0250	.2339	.7492	.6551	.0262	-.2666	.6123	.8668	.5000	.1480	-.5558	.5331	.9917
.0400	-.0524	.6709	.7766	.0500	-.1697	.6388	.8259	.5000	-.1480	-.5646	.5307	.9956
.0600	-.2231	.6242	.8484	.1000	-.1890	.6335	.8341	.5000	-.5427	-.5446	.5362	.9867
.0800	-.4441	.5637	.9428	.1500	-.2228	.6243	.8483	.5000	-.7401	-.5193	.5431	.9756
.1000	-.4585	.5598	.9491	.2000	-.2525	.6161	.8609					
.1400	-.5239	.5419	.9776	.2500	-.2888	.6062	.8762					
.1799	-.5505	.5346	.9894	.3500	-.4145	.5718	.9300					
.2201	-.5423	.5368	.9857	.4500	-.5100	.5457	.9715					
.2600	-.5241	.5418	.9777	.5500	-.3751	.5826	.9131					
.3000	-.5105	.5455	.9717	.6500	-.1536	.6432	.8191					
.3400	-.5146	.5444	.9735	.7500	.0033	.6861	.7532					
.3801	-.5199	.5430	.9758	.8000	.0613	.7020	.7287					
.4199	-.5332	.5393	.9817	.8500	.1072	.7146	.7093					
.4600	-.5457	.5359	.9872	.9000	.1451	.7249	.6932					
.5000	-.5614	.5316	.9942	.9500	.1548	.7276	.6891					
.5400	-.5770	.5273	1.0011									
.5799	-.5884	.5242	1.0062									
.6201	-.5873	.5245	1.0057									
.6600	-.5436	.5365	.9863									
.7000	-.4679	.5572	.9531									
.7500	-.3375	.5929	.8970									
.8000	-.1964	.6315	.8372									
.8500	-.0519	.6710	.7764									
.9237	.0865	.7089	.7181									
.9749	.1402	.7236	.6953									

PT 2.6098 ATM
 TT 219.4767 K
 RC 3.9991 MILLION
 MACH .7524
 ALPHA .0102 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .2900
 CM -.0520
 CC .0086

CD2 .01194
 CD3 .01204
 CD4 .01204
 CD5 .01218
 CD6 .01160

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1374	.9965	.0703
.0040	.7978	.9038	.3825
.0150	.2845	.7636	.6324
.0250	.0826	.7084	.7188
.0400	-.2141	.6274	.8435
.0600	-.3737	.5838	.9112
.0800	-.6447	.5097	1.0299
.1000	-.6329	.5130	1.0246
.1400	-.6926	.4966	1.0517
.1799	-.7597	.4783	1.0826
.2201	-.7324	.4858	1.0699
.2600	-.6458	.5094	1.0304
.3000	-.5648	.5234	1.0076
.3400	-.5861	.5257	1.0037
.3801	-.5884	.5251	1.0047
.4199	-.5952	.5233	1.0077
.4600	-.6014	.5216	1.0105
.5000	-.6112	.5189	1.0149
.5400	-.6182	.5170	1.0180
.5799	-.6179	.5170	1.0179
.6201	-.6024	.5213	1.0110
.6600	-.5441	.5372	.9851
.7000	-.4615	.5598	.9490
.7500	-.3259	.5968	.8908
.8000	-.1633	.6358	.8306
.8500	-.0456	.6734	.7728
.9237	.0764	.7067	.7214
.9749	.1219	.7191	.7022

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1374	.9965	.0703
.0040	.0804	.7078	.7198
.0080	-.0883	.6617	.7907
.0262	-.0345	.6764	.7681
.0500	-.0141	.6820	.7595
.1000	-.0843	.6628	.7890
.1500	-.1210	.6528	.8044
.2000	-.1633	.6412	.8222
.2500	-.2085	.6289	.8412
.3500	-.3404	.5929	.8970
.4500	-.4440	.5646	.9414
.5500	-.3429	.5922	.8981
.6500	-.1374	.6483	.8113
.7500	.0116	.6890	.7487
.8000	.0664	.7040	.7256
.8500	.1092	.7157	.7076
.9000	.1438	.7251	.6929
.9500	.1465	.7259	.6917

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5657	.5313	.9946
.5000	.5427	-.5897	.5248	1.0053
.5000	.3454	-.6004	.5218	1.0101
.5000	.1480	-.6048	.5206	1.0120
.5000	-.1480	-.6150	.5178	1.0166
.5000	-.5427	-.5931	.5238	1.0068
.5000	-.7401	-.5669	.5310	.9952

PT 2.6099 ATM
 TT 219.5421 K
 RC 3.9980 MILLION
 MACH .7525
 ALPHA 1.0081 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .4444
 CM -.0506
 CC .0040

CD2 .01305
 CD3 .01294
 CD4 .01307
 CD5 .01325
 CD6 .01249

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1430	.9981	.0525
.0040	.6203	.8553	.4774
.0150	.0967	.7122	.7129
.0250	-.0864	.6622	.7900
.0400	-.3875	.5799	.9172
.0600	-.5100	.5465	.9703
.0800	-.7672	.4762	1.0862
.1000	-.8861	.4437	1.1428
.1400	-.9054	.4384	1.1522
.1799	-.9467	.4271	1.1726
.2201	-.9640	.4224	1.1812
.2600	-.9576	.4242	1.1780
.3000	-.9466	.4272	1.1726
.3400	-.9473	.4270	1.1729
.3801	-.8473	.4543	1.1241
.4199	-.6479	.5088	1.0315
.4600	-.5581	.5333	.9914
.5000	-.5652	.5314	.9945
.5400	-.5940	.5235	1.0073
.5799	-.6086	.5195	1.0139
.6201	-.5957	.5230	1.0081
.6600	-.5377	.5389	.9824
.7000	-.4567	.5610	.9471
.7500	-.3219	.5978	.8892
.8000	-.1809	.6364	.8297
.8500	-.0471	.6729	.7735
.9237	.0698	.7049	.7243
.9749	.1158	.7174	.7048

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1430	.9981	.0525
.0040	.4034	.7960	.5798
.0080	.2111	.7435	.6642
.0262	.1674	.7315	.6829
.0500	.1341	.7224	.6971
.1000	.0301	.6940	.7410
.1500	-.0209	.6801	.7625
.2000	-.0740	.6656	.7848
.2500	-.1255	.6515	.8064
.3500	-.2636	.6138	.8645
.4500	-.3725	.5840	.9108
.5500	-.2997	.6039	.8798
.6500	-.1134	.6548	.8013
.7500	.0257	.6928	.7429
.8000	.0771	.7069	.7212
.8500	.1177	.7179	.7041
.9000	.1495	.7266	.6905
.9500	.1470	.7260	.6916

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5956	.5231	1.0081
.5000	.5427	-.5961	.5229	1.0083
.5000	.3454	-.5778	.5279	1.0001
.5000	.1480	-.5635	.5318	.9938
.5000	-.1480	-.5738	.5290	.9984
.5000	-.5427	-.6020	.5213	1.0109
.5000	-.7401	-.6007	.5217	1.0103

PT 2.6095 ATM
 TT 219.6081 K
 RC 3.9933 MILLION
 MACH .7517
 ALPHA 2.0060 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6179
 CM -.0599
 CC -.0000

CD2 .01975
 CD3 .01948
 CD4 .01982
 CD5 .01958
 CD6 .01780

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1458	.9989	.0396	0.0000	1.1458	.9989	.0396	.5000	.7401	-.5712	.5303	.9962
.0040	.4383	.8058	.5635	.0040	.6441	.8620	.4650	.5000	.5427	-.6550	.5075	1.0337
.0150	-.0770	.6652	.7853	.0080	.4447	.8076	.5605	.5000	.3454	-.9474	.4277	1.1716
.0250	-.2340	.6224	.8512	.0262	.3308	.7765	.6116	.5000	.1480	-1.1014	.3856	1.2506
.0400	-.5434	.5379	.9840	.0500	.2617	.7576	.6418	.5000	-.1480	-1.1151	.3819	1.2579
.0600	-.6239	.5160	1.0197	.1000	.1339	.7228	.6966	.5000	-.5427	-.6690	.5037	1.0400
.0800	-.8567	.4524	1.1274	.1500	.0690	.7051	.7240	.5000	-.7401	-.5698	.5307	.9956
.1000	-.9845	.4175	1.1902	.2000	.0090	.6887	.7493					
.1400	-1.0474	.4004	1.2223	.2500	-.0496	.6727	.7739					
.1799	-1.1048	.3847	1.2524	.3500	-.1902	.6343	.8328					
.2201	-1.1320	.3773	1.2670	.4500	-.3043	.6032	.8809					
.2600	-1.1357	.3763	1.2690	.5500	-.2543	.6168	.8598					
.3000	-1.1329	.3770	1.2675	.6500	-.0848	.6631	.7886					
.3400	-1.1249	.3792	1.2632	.7500	.0470	.6990	.7333					
.3801	-1.1260	.3789	1.2638	.8000	.0953	.7122	.7129					
.4199	-1.1297	.3779	1.2657	.8500	.1315	.7221	.6976					
.4600	-1.1360	.3762	1.2692	.9000	.1615	.7303	.6848					
.5000	-1.1145	.3821	1.2576	.9500	.1563	.7289	.6870					
.5400	-.7029	.4944	1.0554									
.5799	-.5307	.5414	.9784									
.6201	-.4705	.5578	.9521									
.6600	-.4261	.5699	.9330									
.7000	-.3741	.5841	.9106									
.7500	-.2746	.6113	.8684									
.8000	-.1629	.6418	.8213									
.8500	-.0520	.6720	.7749									
.9237	.0636	.7036	.7263									
.9749	.1148	.7175	.7047									

PT 2.6102 ATM
 TT 219.6491 K
 RC 3.9964 MILLION
 MACH .7528
 ALPHA 2.5050 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6736
 CM -.0639
 CC -.0000

CD2 .02787
 CD3 .02726
 CD4 .02719
 CD5 .02663
 CD6 .02341

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1453	.9987	.0427	0.0000	1.1453	.9987	.0427	.5000	.7401	-.6338	.5130	1.0246
.0040	.3588	.7840	.5994	.0040	.7260	.8842	.4224	.5000	.5427	-.8520	.4534	1.1257
.0150	-.1554	.6436	.8185	.0080	.5274	.8300	.5223	.5000	.3454	-1.1754	.3651	1.2914
.0250	-.2986	.6045	.8789	.0262	.3910	.7928	.5851	.5000	.1480	-1.2093	.3558	1.3103
.0400	-.6133	.5186	1.0154	.0500	.3109	.7709	.6206	.5000	-.1480	-1.2071	.3564	1.3090
.0600	-.6667	.4985	1.0485	.1000	.1741	.7336	.6797	.5000	-.5427	-.9198	.4349	1.1586
.0800	-.8940	.4419	1.1460	.1500	.1044	.7145	.7094	.5000	-.7401	-.6733	.5022	1.0425
.1000	-1.0224	.4069	1.2100	.2000	.0402	.6970	.7364					
.1400	-1.0772	.3919	1.2385	.2500	-.0202	.6805	.7618					
.1799	-1.1537	.3710	1.2795	.3500	-.1642	.6412	.8223					
.2201	-1.1827	.3631	1.2954	.4500	-.2818	.6091	.8718					
.2600	-1.1856	.3623	1.2970	.5500	-.2405	.6204	.8543					
.3000	-1.1829	.3630	1.2956	.6500	-.0788	.6645	.7864					
.3400	-1.1826	.3631	1.2954	.7500	.0470	.6988	.7336					
.3801	-1.1794	.3640	1.2936	.8000	.0928	.7114	.7143					
.4199	-1.1917	.3606	1.3004	.8500	.1270	.7207	.6998					
.4600	-1.1954	.3596	1.3025	.9000	.1535	.7279	.6885					
.5000	-1.2021	.3578	1.3062	.9500	.1402	.7243	.6942					
.5400	-.8133	.4639	1.1073									
.5799	-.5973	.5229	1.0083									
.6201	-.5021	.5489	.9663									
.6600	-.4229	.5706	.9320									
.7000	-.3529	.5897	.9020									
.7500	-.2511	.6175	.8588									
.8000	-.1545	.6438	.8182									
.8500	-.0656	.6681	.7809									
.9237	.0298	.6942	.7408									
.9749	.0794	.7077	.7199									

PT 2.6097 ATM
 TT 219.6443 K
 RC 3.9939 MILLION
 MACH .7521
 ALPHA 3.0039 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6861
 CM -.0598
 CC .0013

CD2 .03660
 CD3 .03565
 CD4 .03498
 CD5 .03353
 CD6 .02976

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1430	.9981	.0519	0.0000	1.1430	.9981	.0519	.5000	-.7401	-.6744	.5019	1.0428
.0040	.2836	.7635	.6325	.0040	.7893	.9015	.3872	.5000	.5427	-.8375	.4574	1.1186
.0150	-.2233	.6251	.8470	.0080	.5954	.8486	.4894	.5000	.3454	-.9463	.4277	1.1715
.0250	-.3546	.5893	.9026	.0262	.4388	.8059	.5634	.5000	.1480	-.8781	.4463	1.1382
.0400	-.6754	.5017	1.0433	.0500	.3514	.7820	.6027	.5000	-.1480	-.8950	.4417	1.1463
.0600	-.7984	.4681	1.1001	.1000	.2066	.7425	.6657	.5000	-.5427	-.8610	.4510	1.1299
.0800	-.9068	.4385	1.1521	.1500	.1322	.7222	.6975	.5000	-.7401	-.7224	.4888	1.0648
.1000	-1.0484	.3998	1.2233	.2000	.0632	.7033	.7267					
.1400	-1.1188	.3806	1.2605	.2500	.0012	.6864	.7528					
.1799	-1.1891	.3614	1.2988	.3500	-.1499	.6451	.8162					
.2201	-1.2235	.3520	1.3181	.4500	-.2741	.6112	.8684					
.2600	-1.2368	.3484	1.3257	.5500	-.2407	.6203	.8544					
.3000	-1.2310	.3500	1.3224	.6500	-.0869	.6623	.7897					
.3400	-1.2304	.3501	1.3221	.7500	.0303	.6943	.7405					
.3801	-1.2256	.3515	1.3193	.8000	.0720	.7057	.7230					
.4199	-1.2284	.3507	1.3209	.8500	.1040	.7144	.7095					
.4600	-1.1445	.3736	1.2743	.9000	.1230	.7196	.7014					
.5000	-.8587	.4516	1.1288	.9500	.0941	.7117	.7137					
.5400	-.6458	.5098	1.0299									
.5799	-.5633	.5323	.9931									
.6201	-.4897	.5524	.9608									
.6600	-.4173	.5721	.9295									
.7000	-.3522	.5899	.9016									
.7500	-.2627	.6143	.8636									
.8000	-.1829	.6361	.8300									
.8500	-.1169	.6541	.8023									
.9237	-.0514	.6720	.7749									
.9749	-.0066	.6843	.7561									

PT 2.6094 ATM
 TT 219.6063 K
 RC 3.9880 MILLION
 MACH .7500
 ALPHA 3.5029 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .7063
 CM -.0567
 CC .0006

CD2 .04715
 CD3 .04715
 CD4 .04571
 CD5 .04208
 CD6 .03732

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1314	.9954	.0809	0.0000	1.1314	.9954	.0809	.5000	.7401	-.6293	.5178	1.0167
.0040	.1844	.7385	.6720	.0040	.8573	.9211	.3443	.5000	.5427	-.7423	.4872	1.0676
.0150	-.3137	.6034	.8806	.0080	.6613	.8679	.4540	.5000	.3454	-.7703	.4796	1.0805
.0250	-.4277	.5725	.9289	.0262	.4888	.8211	.5376	.5000	.1480	-.7293	.4907	1.0616
.0400	-.7552	.4836	1.0735	.0500	.3878	.7937	.5835	.5000	-.1480	-.7132	.4951	1.0543
.0600	-.9005	.4442	1.1419	.1000	.2387	.7533	.6487	.5000	-.5427	-.7429	.4870	1.0679
.0800	-.9899	.4200	1.1857	.1500	.1596	.7318	.6825	.5000	-.7401	-.6672	.5075	1.0336
.1000	-1.0839	.3945	1.2335	.2000	.0902	.7130	.7118					
.1400	-1.1913	.3654	1.2909	.2500	.0237	.6949	.7396					
.1799	-1.2487	.3498	1.3228	.3500	-.1267	.6541	.8023					
.2201	-1.2731	.3432	1.3367	.4500	-.2548	.6194	.8558					
.2600	-1.2868	.3395	1.3446	.5500	-.2345	.6249	.8473					
.3000	-1.2844	.3401	1.3432	.6500	-.0879	.6647	.7862					
.3400	-1.2870	.3394	1.3447	.7500	.0270	.6958	.7382					
.3801	-1.2580	.3473	1.3281	.8000	.0658	.7063	.7220					
.4199	-1.0859	.3940	1.2346	.8500	.0907	.7131	.7115					
.4600	-.8638	.4542	1.1243	.9000	.1076	.7177	.7044					
.5000	-.7141	.4948	1.0547	.9500	.0688	.7072	.7208					
.5400	-.6168	.5212	1.0111									
.5799	-.5522	.5387	.9827									
.6201	-.4873	.5563	.9545									
.6600	-.4204	.5745	.9258									
.7000	-.3598	.5909	.9001									
.7500	-.2747	.6140	.8642									
.8000	-.2083	.6320	.8364									
.8500	-.1632	.6442	.8176									
.9237	-.0920	.6636	.7879									
.9749	-.0639	.6712	.7762									

PT 2.6096 ATM
 TT 219.5484 K
 RC 3.9908 MILLION
 MACH .7504
 ALPHA 4.0198 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6900
 CM -.0512
 CC .0030

CD2 .05497
 CD3 .05693
 CD4 .05533
 CD5 .05046
 CD6 .04520

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1224	.9927	.1019	0.0000	1.1224	.9927	.1019	.5000	.7401	-.6313	.5156	1.0203
.0040	.1300	.7227	.6966	.0040	.8971	.9314	.3198	.5000	.5427	-.7054	.4954	1.0537
.0150	-.3638	.5884	.9040	.0080	.7065	.8796	.4316	.5000	.3454	-.6908	.4994	1.0471
.0250	-.4652	.5608	.9474	.0262	.5219	.8294	.5234	.5000	.1480	-.6510	.5102	1.0291
.0400	-.7909	.4722	1.0931	.0500	.4160	.8005	.5722	.5000	-.1480	-.6371	.5140	1.0229
.0600	-.9428	.4308	1.1659	.1000	.2616	.7585	.6403	.5000	-.5427	-.6920	.4991	1.0476
.0800	-1.0334	.4062	1.2114	.1500	.1784	.7359	.6761	.5000	-.7401	-.6539	.5094	1.0304
.1000	-1.1206	.3824	1.2569	.2000	.1055	.7161	.7070					
.1400	-1.2084	.3586	1.3047	.2500	.0367	.6973	.7359					
.1799	-1.2825	.3384	1.3468	.3500	-.1200	.6547	.8014					
.2201	-1.2996	.3338	1.3569	.4500	-.2568	.6175	.8588					
.2600	-1.3057	.3321	1.3604	.5500	-.2453	.6206	.8540					
.3000	-1.2895	.3365	1.3509	.6500	-.1030	.6593	.7944					
.3400	-1.2273	.3534	1.3153	.7500	.0078	.6895	.7480					
.3801	-1.0121	.4120	1.2005	.8000	.0435	.6992	.7330					
.4199	-.8361	.4599	1.1144	.8500	.0646	.7049	.7242					
.4600	-.7131	.4933	1.0572	.9000	.0770	.7083	.7190					
.5000	-.6376	.5139	1.0231	.9500	.0250	.6942	.7408					
.5400	-.5815	.5291	.9982									
.5799	-.5258	.5443	.9737									
.6201	-.4698	.5595	.9494									
.6600	-.4139	.5747	.9254									
.7000	-.3656	.5879	.9048									
.7500	-.2968	.6066	.8756									
.8000	-.2477	.6200	.8550									
.8500	-.2083	.6307	.8384									
.9237	-.1614	.6434	.8188									
.9749	-.1362	.6503	.8082									

PT 2.6098 ATM
 TT 219.5751 K
 RC 3.9904 MILLION
 MACH .7503
 ALPHA 4.5314 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6935
 CM -.0484
 CC .0035

CD2 .06305
 CD3 .06561
 CD4 .06553
 CD5 .06151
 CD6 .05605

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1026	.9875	.1339	0.0000	1.1026	.9875	.1339	.5000	.7401	-.6355	.5156	1.0203
.0040	.0548	.7030	.7272	.0040	.9366	.9425	.2918	.5000	.5427	-.6898	.5009	1.0446
.0150	-.4359	.5698	.9332	.0080	.7509	.8920	.4068	.5000	.3454	-.6685	.5066	1.0350
.0250	-.5219	.5464	.9703	.0262	.5568	.8393	.5060	.5000	.1480	-.6362	.5154	1.0206
.0400	-.8441	.4590	1.1159	.0500	.4462	.8093	.5576	.5000	-.1480	-.6239	.5188	1.0151
.0600	-1.0017	.4162	1.1927	.1000	.2850	.7655	.6292	.5000	-.5427	-.6758	.5046	1.0383
.0800	-1.0855	.3934	1.2356	.1500	.1984	.7420	.6665	.5000	-.7401	-.6578	.5095	1.0302
.1000	-1.1816	.3673	1.2869	.2000	.1209	.7210	.6993					
.1400	-1.2328	.3534	1.3153	.2500	.0512	.7020	.7287					
.1799	-1.3227	.3290	1.3672	.3500	-.1117	.6578	.7967					
.2201	-1.3421	.3238	1.3787	.4500	-.2536	.6193	.8560					
.2600	-1.3368	.3252	1.3756	.5500	-.2480	.6208	.8536					
.3000	-1.2266	.3551	1.3118	.6500	-.1124	.6576	.7970					
.3400	-1.0803	.3948	1.2329	.7500	-.0083	.6859	.7536					
.3801	-.8736	.4509	1.1300	.8000	.0251	.6950	.7396					
.4199	-.7588	.4821	1.0761	.8500	.0465	.7008	.7306					
.4600	-.6799	.5035	1.0402	.9000	.0553	.7032	.7269					
.5000	-.6251	.5184	1.0156	.9500	-.0021	.6876	.7510					
.5400	-.5785	.5311	.9950									
.5799	-.5241	.5458	.9713									
.6201	-.4709	.5603	.9482									
.6600	-.4191	.5744	.9260									
.7000	-.3747	.5864	.9071									
.7500	-.3190	.6015	.8835									
.8000	-.2736	.6139	.8644									
.8500	-.2395	.6231	.8501									
.9237	-.2039	.6328	.8352									
.9749	-.1769	.6401	.8239									

PT 2.6098 ATM
 TT 219.4690 K
 RC 3.9958 MILLION
 MACH .7513
 ALPHA 5.0303 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6867
 CM -.0462
 CC .0051

CD2 .06797
 CD3 .07116
 CD4 .07322
 CD5 .07235
 CD6 .06655

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0922	.9845	.1493	0.0000	1.0922	.9845	.1493	.5000	.7401	-.6489	.5108	1.0282
.0040	.0004	.6874	.7512	.0040	.9749	.9526	.2639	.5000	.5427	-.6675	.5057	1.0366
.0150	-.4892	.5542	.9579	.0080	.7924	.9029	.3842	.5000	.3454	-.6379	.5138	1.0233
.0250	-.5582	.5355	.9880	.0262	.5901	.8479	.4907	.5000	.1480	-.6116	.5209	1.0116
.0400	-.8767	.4488	1.1338	.0500	.4708	.8154	.5473	.5000	-.1480	-.6047	.5228	1.0085
.0600	-1.0346	.4058	1.2120	.1000	.3086	.7713	.6200	.5000	-.5427	-.6568	.5086	1.0318
.0800	-1.1138	.3843	1.2533	.1500	.2185	.7468	.6589	.5000	-.7401	-.6575	.5084	1.0321
.1000	-1.2135	.3571	1.3076	.2000	.1410	.7257	.6920					
.1400	-1.2641	.3434	1.3363	.2500	.0664	.7054	.7235					
.1799	-1.3352	.3240	1.3781	.3500	-.0971	.6609	.7919					
.2201	-1.3509	.3198	1.3876	.4500	-.2460	.6204	.8543					
.2600	-1.2834	.3381	1.3475	.5500	-.2526	.6186	.8571					
.3000	-1.0763	.3945	1.2336	.6500	-.1204	.6546	.8017					
.3400	-.9099	.4397	1.1499	.7500	-.0155	.6831	.7578					
.3801	-.7731	.4770	1.0849	.8000	.0169	.6919	.7443					
.4199	-.7117	.4937	1.0566	.8500	.0304	.6956	.7386					
.4600	-.6523	.5098	1.0298	.9000	.0387	.6979	.7351					
.5000	-.6044	.5229	1.0084	.9500	-.0225	.6812	.7608					
.5400	-.5602	.5349	.9889									
.5799	-.5092	.5488	.9666									
.6201	-.4606	.5620	.9455									
.6600	-.4154	.5743	.9261									
.7000	-.3766	.5849	.9095									
.7500	-.3282	.5980	.8890									
.8000	-.2970	.6065	.8758									
.8500	-.2779	.6117	.8677									
.9237	-.2352	.6233	.8497									
.9749	-.2186	.6278	.8428									

PT 2.6033 ATM
 TT 219.4974 K
 RC 4.0290 MILLION
 MACH .7661
 ALPHA -.9877 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .1623
 CM -.0544
 CC .0098

CD2 .01185
 CD3 .01188
 CD4 .01191
 CD5 .01207
 CD6 .01145

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0911	.9821	.1605	0.0000	1.0911	.9821	.1605	.5000	.7401	-.5387	.5277	1.0005
.0040	.9458	.9416	.2940	.0040	-.2982	.5947	.8941	.5000	.5427	-.5609	.5215	1.0106
.0150	.4647	.8075	.5607	.0080	-.4832	.5432	.9755	.5000	.3454	-.5698	.5190	1.0147
.0250	.2516	.7479	.6572	.0262	-.2774	.6005	.8850	.5000	.1480	-.5756	.5174	1.0173
.0400	-.0331	.6687	.7800	.0500	-.1743	.6293	.8405	.5000	-.1480	-.5846	.5149	1.0214
.0600	-.2059	.6205	.8542	.1000	-.1957	.6233	.8498	.5000	-.5427	-.5622	.5211	1.0112
.0800	-.4325	.5573	.9530	.1500	-.2307	.6136	.8648	.5000	-.7401	-.5343	.5289	.9985
.1000	-.4492	.5526	.9604	.2000	-.2606	.6052	.8778					
.1400	-.5233	.5320	.9936	.2500	-.2985	.5947	.8942					
.1799	-.5600	.5218	1.0102	.3500	-.4315	.5576	.9525					
.2201	-.5539	.5235	1.0074	.4500	-.5442	.5262	1.0030					
.2600	-.5358	.5285	.9992	.5500	-.3867	.5701	.9327					
.3000	-.5211	.5326	.9926	.6500	-.1571	.6341	.8332					
.3400	-.5249	.5316	.9943	.7500	.0018	.6784	.7651					
.3801	-.5326	.5294	.9978	.8000	.0602	.6947	.7400					
.4199	-.5463	.5256	1.0040	.8500	.1060	.7075	.7203					
.4600	-.5614	.5214	1.0108	.9000	.1436	.7179	.7041					
.5000	-.5810	.5159	1.0198	.9500	.1528	.7205	.7001					
.5400	-.5994	.5108	1.0282									
.5799	-.6133	.5069	1.0346									
.6201	-.6137	.5068	1.0348									
.6600	-.5531	.5237	1.0071									
.7000	-.4606	.5495	.9654									
.7500	-.3251	.5872	.9058									
.8000	-.1836	.6267	.8446									
.8500	-.0430	.6659	.7843									
.9237	.0864	.7020	.7287									
.9749	.1360	.7158	.7074									

PT 2.6024 ATM
 TT 219.4913 K
 RC 4.0262 MILLION
 MACH .7655
 ALPHA .0000 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .2889
 CM -.0516
 CC .0089

CD2 .01238
 CD3 .01247
 CD4 .01245
 CD5 .01250
 CD6 .01173

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1426	.9964	.0713	0.0000	1.1426	.9964	.0713	.5000	.7401	-.5855	.5144	1.0223
.0040	.8198	.9064	.3769	.0040	.0639	.6955	.7387	.5000	.5427	-.6107	.5073	1.0339
.0150	.3100	.7642	.6314	.0080	-.1046	.6485	.8110	.5000	.3454	-.6216	.5043	1.0389
.0250	.1078	.7078	.7198	.0262	-.0437	.6655	.7849	.5000	.1480	-.6255	.5032	1.0407
.0400	-.1861	.6258	.8460	.0500	-.0190	.6724	.7743	.5000	-.1480	-.6342	.5008	1.0448
.0600	-.3447	.5815	.9147	.1000	-.0872	.6534	.8035	.5000	-.5427	-.6168	.5056	1.0367
.0800	-.6192	.5050	1.0378	.1500	-.1272	.6422	.8207	.5000	-.7401	-.5869	.5140	1.0230
.1000	-.6080	.5081	1.0326	.2000	-.1706	.6301	.8393					
.1400	-.6761	.4891	1.0644	.2500	-.2169	.6172	.8593					
.1799	-.7510	.4682	1.0999	.3500	-.3552	.5786	.9193					
.2201	-.7754	.4614	1.1117	.4500	-.4714	.5462	.9707					
.2600	-.7567	.4666	1.1027	.5500	-.3561	.5783	.9197					
.3000	-.6916	.4848	1.0716	.6500	-.1414	.6383	.8267					
.3400	-.6039	.5092	1.0308	.7500	.0100	.6805	.7619					
.3801	-.5694	.5189	1.0149	.8000	.0654	.6959	.7381					
.4199	-.5267	.5140	1.0229	.8500	.1088	.7080	.7194					
.4600	-.6077	.5082	1.0325	.9000	.1432	.7176	.7045					
.5000	-.6301	.5019	1.0429	.9500	.1449	.7181	.7038					
.5400	-.6459	.4975	1.0502									
.5799	-.6503	.4963	1.0523									
.6201	-.6299	.5020	1.0428									
.6600	-.5450	.5256	1.0039									
.7000	-.4452	.5535	.9590									
.7500	-.3074	.5920	.8984									
.8000	-.1669	.6311	.8377									
.8500	-.0360	.6677	.7816									
.9237	.0750	.6986	.7340									
.9749	.1173	.7104	.7157									

PT 2.6020 ATM
 TT 219.5595 K
 RC 4.0206 MILLION
 MACH .7644
 ALPHA 1.0081 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .4578
 CM -.0534
 CC .0048

CD2 .01466
 CD3 .01445
 CD4 .01440
 CD5 .01432
 CD6 .01289

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1525	.9994	.0293	0.0000	1.1525	.9994	.0293	.5000	.7401	-.5808	.5171	1.0178
.0040	.6503	.8596	.4694	.0040	.3926	.7879	.5930	.5000	.5427	-.5622	.5223	1.0094
.0150	.1309	.7151	.7084	.0080	.2023	.7350	.6775	.5000	.3454	-.5864	.5155	1.0204
.0250	-.0519	.6643	.7868	.0262	.1634	.7242	.6944	.5000	.1480	-.7018	.4834	1.0739
.0400	-.3512	.5810	.9156	.0500	.1310	.7151	.7084	.5000	-.1480	-.7293	.4758	1.0869
.0600	-.4731	.5471	.9693	.1000	.0285	.6866	.7524	.5000	-.5427	-.5645	.5216	1.0104
.0800	-.7288	.4759	1.0867	.1500	-.0227	.6724	.7743	.5000	-.7401	-.5907	.5144	1.0223
.1000	-.8459	.4433	1.1435	.2000	-.0746	.6579	.7965					
.1400	-.8723	.4360	1.1566	.2500	-.1286	.6429	.8196					
.1799	-.9276	.4206	1.1846	.3500	-.2693	.6038	.8800					
.2201	-.9458	.4155	1.1939	.4500	-.3861	.5713	.9308					
.2600	-.9439	.4161	1.1929	.5500	-.3088	.5928	.8971					
.3000	-.9439	.4161	1.1929	.6500	-.1143	.6469	.8134					
.3400	-.9516	.4139	1.1969	.7500	.0292	.6868	.7521					
.3801	-.9494	.4145	1.1958	.8000	.0813	.7013	.7298					
.4199	-.9586	.4120	1.2005	.8500	.1203	.7122	.7130					
.4600	-.9319	.4194	1.1867	.9000	.1527	.7212	.6990					
.5000	-.7475	.4707	1.0956	.9500	.1510	.7207	.6997					
.5400	-.5456	.5269	1.0018									
.5799	-.5148	.5355	.9879									
.6201	-.5182	.5345	.9895									
.6600	-.4884	.5428	.9761									
.7000	-.4219	.5613	.9466									
.7500	-.2966	.5962	.8918									
.8000	-.1647	.6329	.8350									
.8500	-.0404	.6675	.7819									
.9237	.0729	.6990	.7334									
.9749	.1168	.7112	.7145									

PT 2.6029 ATM
 TT 219.6282 K
 RC 4.0277 MILLION
 MACH .7669
 ALPHA 1.5071 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .5409
 CM -.0598
 CC .0041

CD2 .02016
 CD3 .01986
 CD4 .01939
 CD5 .01867
 CD6 .01553

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1499	.9984	.0472
.0040	.5711	.8369	.5103
.0150	.0546	.6927	.7431
.0250	-.1176	.6446	.8170
.0400	-.4164	.5612	.9468
.0600	-.5202	.5322	.9932
.0800	-.7632	.4644	1.1065
.1000	-.8838	.4307	1.1661
.1400	-.9460	.4133	1.1980
.1799	-1.0018	.3978	1.2273
.2201	-1.0204	.3926	1.2372
.2600	-1.0163	.3937	1.2350
.3000	-1.0149	.3941	1.2342
.3400	-1.0245	.3915	1.2394
.3801	-1.0256	.3911	1.2400
.4199	-1.0360	.3882	1.2456
.4600	-1.0447	.3858	1.2503
.5000	-1.0682	.3792	1.2632
.5400	-.9945	.3998	1.2234
.5799	-.6008	.5097	1.0300
.6201	-.4712	.5459	.9712
.6600	-.4088	.5633	.9434
.7000	-.3514	.5793	.9181
.7500	-.2511	.6073	.8745
.8000	-.1440	.6372	.8283
.8500	-.0427	.6655	.7849
.9237	.0555	.6929	.7427
.9749	.1028	.7061	.7224

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1499	.9984	.0472
.0040	.5088	.8195	.5405
.0080	.3160	.7656	.6290
.0262	.2449	.7458	.6605
.0500	.1939	.7316	.6828
.1000	.0784	.6993	.7329
.1500	.0201	.6830	.7580
.2000	-.0371	.6671	.7825
.2500	-.0931	.6514	.8065
.3500	-.2375	.6111	.8686
.4500	-.3574	.5777	.9208
.5500	-.2902	.5964	.8915
.6500	-.1043	.6483	.8113
.7500	.0335	.6868	.7522
.8000	.0838	.7008	.7306
.8500	.1228	.7117	.7137
.9000	.1529	.7201	.7007
.9500	.1469	.7184	.7033

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6328	.5008	1.0448
.5000	.5427	-.8466	.4411	1.1475
.5000	.3454	-1.0632	.3806	1.2604
.5000	.1480	-1.0729	.3779	1.2657
.5000	-.1480	-1.0750	.3773	1.2669
.5000	-.5427	-.8295	.4459	1.1390
.5000	-.7401	-.6083	.5076	1.0334

PT 2.6021 ATM
 TT 219.6626 K
 RC 4.0219 MILLION
 MACH .7656
 ALPHA 2.0264 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .5886
 CM -.0618
 CC .0054

CD2 .02823
 CD3 .02744
 CD4 .02608
 CD5 .02479
 CD6 .02026

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1500	.9984	.0474
.0040	.4964	.8159	.5465
.0150	-.0158	.6729	.7736
.0250	-.1783	.6275	.8433
.0400	-.4808	.5430	.9758
.0600	-.5681	.5186	1.0153
.0800	-.7979	.4545	1.1238
.1000	-.9254	.4189	1.1878
.1400	-.9911	.4005	1.2221
.1799	-1.0475	.3848	1.2523
.2201	-1.0792	.3759	1.2697
.2600	-1.0865	.3739	1.2738
.3000	-1.0869	.3738	1.2740
.3400	-1.0819	.3752	1.2712
.3801	-1.0874	.3736	1.2742
.4199	-1.0947	.3716	1.2783
.4600	-1.1054	.3686	1.2843
.5000	-1.1223	.3639	1.2939
.5400	-.9342	.4164	1.1923
.5799	-.5980	.5103	1.0290
.6201	-.4789	.5436	.9749
.6600	-.3990	.5659	.9394
.7000	-.3314	.5847	.9097
.7500	-.2342	.6119	.8674
.8000	-.1522	.6348	.8321
.8500	-.0834	.6540	.8025
.9237	-.0070	.6753	.7698
.9749	.0358	.6873	.7514

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1500	.9984	.0474
.0040	.6053	.8463	.4935
.0080	.4120	.7923	.5858
.0262	.3073	.7631	.6331
.0500	.2449	.7457	.6607
.1000	.1192	.7106	.7155
.1500	.0553	.6927	.7430
.2000	-.0056	.6757	.7692
.2500	-.0648	.6592	.7946
.3500	-.2124	.6180	.8580
.4500	-.3373	.5831	.9123
.5500	-.2829	.5983	.8885
.6500	-.1048	.6480	.8117
.7500	.0275	.6850	.7550
.8000	.0747	.6981	.7347
.8500	.1092	.7078	.7198
.9000	.1342	.7148	.7090
.9500	.1156	.7096	.7170

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.8024	.4532	1.1260
.5000	.5427	-1.0403	.3868	1.2484
.5000	.3454	-1.1499	.3562	1.3096
.5000	.1480	-1.1352	.3603	1.3012
.5000	-.1480	-1.1289	.3621	1.2976
.5000	-.5427	-1.0677	.3791	1.2634
.5000	-.7401	-.8260	.4466	1.1376

PT 2.6024 ATM
 TT 219.5948 K
 RC 4.0274 MILLION
 MACH .7668
 ALPHA 2.5355 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .5794
 CM -.0542
 CC .0088

CD2 .03970
 CD3 .03739
 CD4 .03493
 CD5 .03238
 CD6 .02728

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1512	.9984	.0483	0.0000	1.1512	.9984	.0483	.5000	.7401	-.8903	.4252	1.1761
.0040	.4424	.7993	.5742	.0040	.6681	.8627	.4636	.5000	.5427	-1.0186	.3892	1.2438
.0150	-.0664	.6565	.7987	.0080	.4743	.8083	.5593	.5000	.3454	-1.0036	.3934	1.2357
.0250	-.2187	.6138	.8645	.0262	.3541	.7746	.6147	.5000	.1480	-.8205	.4448	1.1408
.0400	-.5246	.5279	1.0002	.0500	.2844	.7550	.6459	.5000	-.1480	-.8617	.4332	1.1616
.0600	-.6029	.5059	1.0363	.1000	.1497	.7172	.7052	.5000	-.5427	-1.0266	.3869	1.2481
.0800	-.8186	.4453	1.1399	.1500	.0811	.6979	.7350	.5000	-.7401	-.9223	.4162	1.1926
.1000	-.9434	.4103	1.2037	.2000	.0151	.6794	.7635					
.1400	-1.0056	.3928	1.2367	.2500	-.0462	.6622	.7900					
.1799	-1.0755	.3732	1.2751	.3500	-.2022	.6184	.8574					
.2201	-1.1056	.3648	1.2920	.4500	-.3378	.5803	.9166					
.2600	-1.1116	.3631	1.2955	.5500	-.2926	.5930	.8967					
.3000	-1.1140	.3624	1.2969	.6500	-.1433	.6349	.8319					
.3400	-1.1164	.3617	1.2982	.7500	.0047	.6765	.7680					
.3801	-1.1177	.3614	1.2989	.8000	.0479	.6886	.7494					
.4199	-1.1308	.3577	1.3065	.8500	.0781	.6971	.7363					
.4600	-1.0904	.3690	1.2835	.9000	.0954	.7019	.7288					
.5000	-.7950	.4520	1.1282	.9500	.0582	.6915	.7449					
.5400	-.5798	.5124	1.0256									
.5799	-.4970	.5356	.9877									
.6201	-.4354	.5529	.9599									
.6600	-.3763	.5695	.9336									
.7000	-.3259	.5837	.9114									
.7500	-.2572	.6030	.8813									
.8000	-.1988	.6194	.8559									
.8500	-.1484	.6335	.8341									
.9237	-.1040	.6459	.8149									
.9749	-.0684	.6559	.7996									

PT 2.6033 ATM
 TT 219.6062 K
 RC 4.0319 MILLION
 MACH .7679
 ALPHA 3.0243 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6003
 CM -.0520
 CC .0089

CD2 .04843
 CD3 .04573
 CD4 .04435
 CD5 .04161
 CD6 .03575

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1507	.9985	.0467	0.0000	1.1507	.9985	.0467	.5000	.7401	-.7806	.4581	1.1175
.0040	.3685	.7796	.6066	.0040	.7412	.8839	.4231	.5000	.5427	-.8050	.4513	1.1294
.0150	-.1391	.6376	.8278	.0080	.5438	.8287	.5246	.5000	.3454	-.7129	.4770	1.0848
.0250	-.2790	.5984	.8883	.0262	.4039	.7895	.5904	.5000	.1480	-.6270	.5011	1.0443
.0400	-.5917	.5109	1.0279	.0500	.3212	.7664	.6279	.5000	-.1480	-.6575	.4925	1.0586
.0600	-.6873	.4842	1.0726	.1000	.1810	.7271	.6897	.5000	-.5427	-.7933	.4545	1.1237
.0800	-.8520	.4381	1.1528	.1500	.1072	.7065	.7218	.5000	-.7401	-.8129	.4490	1.1333
.1000	-.9825	.4016	1.2200	.2000	.0394	.6875	.7510					
.1400	-1.0444	.3843	1.2533	.2500	-.0254	.6694	.7789					
.1799	-1.1208	.3629	1.2958	.3500	-.1826	.6254	.8466					
.2201	-1.1556	.3532	1.3158	.4500	-.3226	.5862	.9073					
.2600	-1.1675	.3498	1.3227	.5500	-.2905	.5952	.8933					
.3000	-1.1647	.3506	1.3211	.6500	-.1251	.6415	.8217					
.3400	-1.1671	.3500	1.3225	.7500	-.0032	.6756	.7694					
.3801	-1.1625	.3512	1.3198	.8000	.0374	.6870	.7519					
.4199	-1.1165	.3641	1.2934	.8500	.0623	.6939	.7412					
.4600	-.8597	.4360	1.1567	.9000	.0770	.6981	.7348					
.5000	-.6266	.5012	1.0441	.9500	.0322	.6855	.7541					
.5400	-.5322	.5276	1.0007									
.5799	-.4851	.5408	.9794									
.6201	-.4318	.5557	.9555									
.6600	-.3802	.5701	.9327									
.7000	-.3363	.5824	.9133									
.7500	-.2730	.6001	.8857									
.8000	-.2253	.6135	.8650									
.8500	-.1878	.6240	.8488									
.9237	-.1420	.6368	.8291									
.9749	-.1169	.6438	.8182									

PT 2.6026 ATM
TT 219.6622 K
RC 4.0242 MILLION
MACH .7661
ALPHA 3.5029 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .6053
CM -.0482
CC .0100

CD2 .05527
CD3 .05638
CD4 .05497
CD5 .04964
CD6 .04279

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1492	.9981	.0524	0.0000	1.1492	.9981	.0524	.5000	.7401	-.6946	.4824	1.0756
.0040	.3029	.7614	.6358	.0040	.7955	.8992	.3922	.5000	.5427	-.6796	.4866	1.0685
.0150	-.1963	.6218	.8521	.0080	.6012	.8448	.4963	.5000	.3454	-.6278	.5011	1.0442
.0250	-.3259	.5855	.9085	.0262	.4462	.8015	.5707	.5000	.1480	-.5753	.5158	1.0200
.0400	-.6447	.4964	1.0521	.0500	.3569	.7765	.6116	.5000	-.1480	-.5716	.5168	1.0183
.0600	-.7843	.4573	1.1188	.1000	.2091	.7352	.6772	.5000	-.5427	-.6594	.4923	1.0590
.0800	-.8622	.4355	1.1574	.1500	.1313	.7134	.7111	.5000	-.7401	-.6812	.4861	1.0693
.1000	-1.0005	.3968	1.2290	.2000	.0591	.6932	.7423					
.1400	-1.0906	.3716	1.2782	.2500	-.0073	.6746	.7709					
.1799	-1.1524	.3544	1.3133	.3500	-.1706	.6290	.8411					
.2201	-1.1841	.3455	1.3318	.4500	-.3168	.5881	.9045					
.2600	-1.2046	.3398	1.3439	.5500	-.2928	.5948	.8940					
.3000	-1.2013	.3407	1.3420	.6500	-.1335	.6393	.8251					
.3400	-1.2011	.3407	1.3419	.7500	-.0180	.6716	.7755					
.3801	-1.1407	.3576	1.3066	.8000	.0199	.6822	.7592					
.4199	-.8689	.4336	1.1608	.8500	.0451	.6893	.7483					
.4600	-.6544	.4937	1.0567	.9000	.0552	.6921	.7440					
.5000	-.5678	.5179	1.0165	.9500	.0028	.6774	.7665					
.5400	-.5196	.5314	.9946									
.5799	-.4775	.5431	.9756									
.6201	-.4329	.5556	.9556									
.6600	-.3866	.5686	.9351									
.7000	-.3484	.5792	.9183									
.7500	-.2943	.5944	.8946									
.8000	-.2526	.6060	.8765									
.8500	-.2188	.6155	.8619									
.9237	-.1909	.6233	.8498									
.9749	-.1651	.6305	.8387									

PT 2.6020 ATM
TT 219.6123 K
RC 4.0241 MILLION
MACH .7660
ALPHA 4.0120 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .6111
CM -.0455
CC .0107

CD2 .06208
CD3 .06541
CD4 .06385
CD5 .05843
CD6 .05230

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1417	.9959	.0763	0.0000	1.1417	.9959	.0763	.5000	.7401	-.6238	.5017	1.0432
.0040	.2354	.7422	.6661	.0040	.8478	.9137	.3611	.5000	.5427	-.6332	.4991	1.0476
.0150	-.2590	.6038	.8799	.0080	.6542	.8595	.4697	.5000	.3454	-.6011	.5081	1.0327
.0250	-.3749	.5714	.9307	.0262	.4841	.8118	.5534	.5000	.1480	-.5647	.5183	1.0159
.0400	-.6952	.4817	1.0768	.0500	.3875	.7848	.5981	.5000	-.1480	-.5556	.5208	1.0117
.0600	-.8441	.4400	1.1493	.1000	.2348	.7421	.6664	.5000	-.5427	-.6247	.5015	1.0436
.0800	-.9360	.4143	1.1961	.1500	.1524	.7190	.7024	.5000	-.7401	-.6266	.5009	1.0445
.1000	-1.0190	.3911	1.2401	.2000	.0785	.6983	.7344					
.1400	-1.1284	.3605	1.3068	.2500	.0088	.6788	.7644					
.1799	-1.1926	.3425	1.3382	.3500	-.1570	.6324	.8358					
.2201	-1.2147	.3363	1.3514	.4500	-.3096	.5897	.9020					
.2600	-1.2275	.3327	1.3591	.5500	-.2966	.5933	.8963					
.3000	-1.2264	.3330	1.3584	.6500	-.1419	.6366	.8293					
.3400	-1.1884	.3437	1.3357	.7500	-.0283	.6684	.7804					
.3801	-.9204	.4187	1.1881	.8000	.0077	.6785	.7649					
.4199	-.6940	.4821	1.0762	.8500	.0289	.6844	.7558					
.4600	-.6006	.5082	1.0325	.9000	.0373	.6868	.7522					
.5000	-.5577	.5202	1.0127	.9500	-.0203	.6706	.7770					
.5400	-.5210	.5305	.9960									
.5799	-.4779	.5426	.9765									
.6201	-.4355	.5544	.9575									
.6600	-.3939	.5661	.9390									
.7000	-.3588	.5759	.9235									
.7500	-.3117	.5891	.9029									
.8000	-.2777	.5986	.8881									
.8500	-.2503	.6063	.8761									
.9237	-.2257	.6131	.8655									
.9749	-.2054	.6188	.8567									

PT 2.6029 ATM
 TT 219.5886 K
 RC 4.0251 MILLION
 MACH .7657
 ALPHA 4.5212 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6243
 CM -.0439
 CC .0110

CD2 .06434
 CD3 .06871
 CD4 .07113
 CD5 .06907
 CD6 .06409

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1312	.9931	.0992	0.0000	1.1312	.9931	.0992	.5000	.7401	-.6117	.5061	1.0360
.0040	.1678	.7239	.6948	.0040	.8940	.9268	.3308	.5000	.5427	-.6175	.5044	1.0387
.0150	-.3218	.5871	.9060	.0080	.7050	.8740	.4424	.5000	.3454	-.5894	.5123	1.0257
.0250	-.4240	.5585	.9511	.0262	.5229	.8231	.5342	.5000	.1480	-.5672	.5185	1.0156
.0400	-.7437	.4692	1.0983	.0500	.4194	.7942	.5827	.5000	-.1480	-.5636	.5195	1.0139
.0600	-.8982	.4260	1.1747	.1000	.2611	.7500	.6539	.5000	-.5427	-.6152	.5051	1.0376
.0800	-.9862	.4014	1.2204	.1500	.1752	.7260	.6916	.5000	-.7401	-.6251	.5023	1.0423
.1000	-1.0792	.3754	1.2707	.2000	.0979	.7044	.7251					
.1400	-1.1539	.3545	1.3130	.2500	.0262	.6843	.7560					
.1799	-1.2352	.3318	1.3611	.3500	-.1440	.6367	.8291					
.2201	-1.2551	.3263	1.3732	.4500	-.3018	.5926	.8973					
.2600	-1.2616	.3244	1.3772	.5500	-.2973	.5939	.8954					
.3000	-1.2292	.3335	1.3574	.6500	-.1482	.6356	.8309					
.3400	-1.0607	.3806	1.2605	.7500	-.0381	.6663	.7836					
.3801	-.7761	.4601	1.1139	.8000	-.0036	.6760	.7688					
.4199	-.6608	.4923	1.0589	.8500	.0164	.6816	.7602					
.4600	-.6029	.5085	1.0319	.9000	.0234	.6835	.7572					
.5000	-.5645	.5192	1.0143	.9500	-.0370	.6667	.7831					
.5400	-.5280	.5294	.9977									
.5799	-.4872	.5408	.9793									
.6201	-.4442	.5529	.9600									
.6600	-.4016	.5648	.9411									
.7000	-.3688	.5739	.9267									
.7500	-.3279	.5854	.9087									
.8000	-.2969	.5940	.8952									
.8500	-.2717	.6011	.8842									
.9237	-.2509	.6069	.8752									
.9749	-.2322	.6121	.8671									

PT 2.5644 ATM
 TT 219.5621 K
 RC 4.0072 MILLION
 MACH .7801
 ALPHA -1.0183 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .1556
 CM -.0541
 CC .0100

CD2 .01243
 CD3 .01247
 CD4 .01253
 CD5 .01261
 CD6 .01189

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0949	.9811	.1651	0.0000	1.0949	.9811	.1651	.5000	.7401	-.5562	.5103	1.0289
.0040	.9619	.9432	.2899	.0040	-.3023	.5827	.9129	.5000	.5427	-.5833	.5026	1.0417
.0150	.4862	.8076	.5606	.0080	-.5045	.5251	1.0048	.5000	.3454	-.5954	.4992	1.0475
.0250	.2726	.7466	.6592	.0262	-.2919	.5857	.9082	.5000	.1480	-.6030	.4970	1.0511
.0400	-.0095	.6662	.7838	.0500	-.1808	.6174	.8590	.5000	-.1480	-.6094	.4952	1.0542
.0600	-.1835	.6166	.8602	.1000	-.2033	.6110	.8689	.5000	-.5427	-.5901	.5007	1.0449
.0800	-.4144	.5508	.9634	.1500	-.2398	.6005	.8850	.5000	-.7401	-.5565	.5103	1.0291
.1000	-.4343	.5451	.9725	.2000	-.2699	.5920	.8984					
.1400	-.5161	.5218	1.0102	.2500	-.3098	.5806	.9162					
.1799	-.5749	.5050	1.0377	.3500	-.4516	.5401	.9804					
.2201	-.5714	.5060	1.0361	.4500	-.6087	.4954	1.0538					
.2600	-.5565	.5103	1.0291	.5500	-.3961	.5560	.9550					
.3000	-.5362	.5160	1.0196	.6500	-.1602	.6232	.8499					
.3400	-.5348	.5164	1.0169	.7500	-.0008	.6687	.7800					
.3801	-.5477	.5128	1.0249	.8000	.0578	.6854	.7543					
.4199	-.5629	.5084	1.0321	.8500	.1041	.6986	.7340					
.4600	-.5803	.5035	1.0403	.9000	.1408	.7091	.7178					
.5000	-.6075	.4957	1.0532	.9500	.1485	.7113	.7144					
.5400	-.6344	.4880	1.0661									
.5799	-.6595	.4809	1.0782									
.6201	-.6675	.4786	1.0821									
.6600	-.5802	.5035	1.0403									
.7000	-.4419	.5429	.9759									
.7500	-.3001	.5834	.9118									
.8000	-.1613	.6229	.8504									
.8500	-.0314	.6600	.7934									
.9237	.0826	.6925	.7434									
.9749	.1274	.7052	.7237									

PT 2.5643 ATM
TT 219.5924 K
RC 4.0033 MILLION
MACH .7791
ALPHA .0102 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .2969
CM -.0513
CC .0092

CD2 .01300
CD3 .01292
CD4 .01300
CD5 .01300
CD6 .01217

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1482	.9962	.0734	0.0000	1.1482	.9962	.0734	.5000	.7401	-.6031	.4965	1.0520
.0040	.8367	.9073	.3749	.0040	.0678	.6879	.7504	.5000	.5427	-.6051	.4959	1.0529
.0150	.3342	.7639	.6318	.0080	-.1058	.6384	.8265	.5000	.3454	-.5828	.5023	1.0423
.0250	.1331	.7066	.7217	.0262	-.0413	.6568	.7983	.5000	.1480	-.5821	.5025	1.0419
.0400	-.1616	.6225	.8511	.0500	-.0164	.6639	.7874	.5000	-.1480	-.5880	.5008	1.0447
.0600	-.3158	.5785	.9195	.1000	-.0903	.6428	.8198	.5000	-.5427	-.6123	.4938	1.0563
.0800	-.5884	.5007	1.0449	.1500	-.1269	.6324	.8358	.5000	-.7401	-.6071	.4953	1.0539
.1000	-.5940	.4991	1.0476	.2000	-.1709	.6198	.8552					
.1400	-.6550	.4817	1.0769	.2500	-.2190	.6061	.8765					
.1799	-.7326	.4595	1.1150	.3500	-.3660	.5641	.9421					
.2201	-.7675	.4496	1.1324	.4500	-.5050	.5245	1.0058					
.2600	-.7737	.4478	1.1356	.5500	-.3674	.5637	.9427					
.3000	-.7751	.4474	1.1362	.6500	-.1432	.6277	.8430					
.3400	-.7750	.4474	1.1362	.7500	.0100	.6714	.7758					
.3801	-.7665	.4498	1.1319	.8000	.0655	.6873	.7514					
.4199	-.7400	.4574	1.1186	.8500	.1092	.6997	.7322					
.4600	-.6607	.4861	1.0796	.9000	.1427	.7093	.7175					
.5000	-.5955	.4986	1.0483	.9500	.1428	.7093	.7174					
.5400	-.5797	.5032	1.0408									
.5799	-.6060	.4956	1.0533									
.6201	-.6337	.4877	1.0666									
.6600	-.5636	.5077	1.0332									
.7000	-.4250	.5473	.9689									
.7500	-.2795	.5888	.9033									
.8000	-.1448	.6272	.8437									
.8500	-.0263	.6611	.7917									
.9237	.0708	.6888	.7491									
.9749	.1101	.7000	.7318									

PT 2.5642 ATM
TT 219.6466 K
RC 4.0045 MILLION
MACH .7800
ALPHA 1.0186 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .4508
CM -.0586
CC .0092

CD2 .01891
CD3 .01874
CD4 .01811
CD5 .01649
CD6 .01458

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1579	.9986	.0441	0.0000	1.1579	.9986	.0441	.5000	.7401	-.8285	.4293	1.1687
.0040	.6963	.8663	.4569	.0040	.3574	.7692	.6233	.5000	.5427	-.9097	.4060	1.2116
.0150	.1852	.7199	.7011	.0080	.1725	.7162	.7067	.5000	.3454	-.9834	.3849	1.2521
.0250	-.0036	.6657	.7846	.0262	.1453	.7084	.7188	.5000	.1480	-.9825	.3852	1.2516
.0400	-.2927	.5829	.9126	.0500	.1197	.7011	.7302	.5000	-.1480	-.9919	.3825	1.2568
.0600	-.4166	.5473	.9688	.1000	.0181	.6719	.7750	.5000	-.5427	-.9225	.4024	1.2185
.0800	-.6680	.4753	1.0878	.1500	-.0340	.6570	.7979	.5000	-.7401	-.7920	.4398	1.1498
.1000	-.7823	.4425	1.1449	.2000	-.0879	.6416	.8216					
.1400	-.8153	.4331	1.1618	.2500	-.1430	.6258	.8460					
.1799	-.8795	.4147	1.1955	.3500	-.2951	.5822	.9137					
.2201	-.8984	.4093	1.2056	.4500	-.4350	.5421	.9773					
.2600	-.9038	.4077	1.2085	.5500	-.3397	.5694	.9338					
.3000	-.9110	.4057	1.2124	.6500	-.1316	.6290	.8410					
.3400	-.9220	.4025	1.2183	.7500	.0130	.6705	.7772					
.3801	-.9283	.4007	1.2217	.8000	.0646	.6853	.7545					
.4199	-.9445	.3960	1.2306	.8500	.1041	.6966	.7371					
.4600	-.9571	.3924	1.2375	.9000	.1323	.7047	.7246					
.5000	-.9837	.3848	1.2522	.9500	.1211	.7015	.7295					
.5400	-1.0100	.3773	1.2670									
.5799	-.8407	.4258	1.1750									
.6201	-.4987	.5238	1.0068									
.6600	-.3867	.5559	.9552									
.7000	-.3131	.5770	.9218									
.7500	-.2169	.6046	.8787									
.8000	-.1288	.6298	.8397									
.8500	-.0544	.6512	.8069									
.9237	.0156	.6712	.7761									
.9749	.0585	.6835	.7572									

PT 2.5642 ATM
TT 219.6955 K
RC 4.0034 MILLION
MACH .7801
ALPHA 1.5172 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .4928
CM -.0581
CC .0099

CD2 .02954
CD3 .02817
CD4 .02554
CD5 .02243
CD6 .01783

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1576	.9989	.0397	0.0000	1.1576	.9989	.0397	.5000	.7401	-.9232	.4051	1.2135
.0040	.6283	.8478	.4909	.0040	.4591	.7996	.5739	.5000	.5427	-.9896	.3861	1.2497
.0150	.1172	.7020	.7288	.0080	.2671	.7447	.6622	.5000	.3454	-1.0573	.3668	1.2880
.0250	-.0590	.6517	.8061	.0262	.2112	.7288	.6872	.5000	.1480	-1.0449	.3703	1.2809
.0400	-.3544	.5674	.9370	.0500	.1703	.7171	.7054	.5000	-.1480	-1.0456	.3701	1.2813
.0600	-.4647	.5359	.9873	.1000	.0592	.6854	.7543	.5000	-.5427	-1.0059	.3814	1.2589
.0800	-.7070	.4667	1.1025	.1500	.0015	.6689	.7796	.5000	-.7401	-.9077	.4095	1.2052
.1000	-.8262	.4327	1.1625	.2000	-.0559	.6526	.8048					
.1400	-.8865	.4155	1.1940	.2500	-.1135	.6361	.8300					
.1799	-.9461	.3985	1.2259	.3500	-.2672	.5923	.8980					
.2201	-.9664	.3927	1.2370	.4500	-.4062	.5526	.9605					
.2600	-.9652	.3931	1.2363	.5500	-.3298	.5744	.9259					
.3000	-.9687	.3921	1.2382	.6500	-.1312	.6311	.8378					
.3400	-.9817	.3884	1.2454	.7500	.0080	.6708	.7767					
.3801	-.9869	.3869	1.2483	.8000	.0567	.6847	.7554					
.4199	-1.0002	.3831	1.2557	.8500	.0924	.6949	.7397					
.4600	-1.0126	.3795	1.2626	.9000	.1162	.7017	.7292					
.5000	-1.0389	.3720	1.2775	.9500	.0940	.6953	.7390					
.5400	-.9723	.3910	1.2402									
.5799	-.6161	.4927	1.0583									
.6201	-.4504	.5400	.9807									
.6600	-.3674	.5636	.9429									
.7000	-.3045	.5816	.9146									
.7500	-.2203	.6057	.8771									
.8000	-.1513	.6253	.8467									
.8500	-.0684	.6404	.8234									
.9237	-.0368	.6580	.7964									
.9749	-.0018	.6680	.7811									

PT 2.5641 ATM
TT 219.6565 K
RC 4.0090 MILLION
MACH .7818
ALPHA 2.0161 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .4909
CM -.0518
CC .0130

CD2 .04067
CD3 .03837
CD4 .03385
CD5 .03027
CD6 .02372

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1574	.9983	.0491	0.0000	1.1574	.9983	.0491	.5000	.7401	-.9841	.3833	1.2553
.0040	.5834	.8335	.5163	.0040	.5292	.8179	.5431	.5000	.5427	-1.0326	.3693	1.2828
.0150	.0755	.6876	.7509	.0080	.3402	.7636	.6323	.5000	.3454	-1.0852	.3542	1.3136
.0250	-.0932	.6391	.8254	.0262	.2622	.7412	.6677	.5000	.1480	-.9642	.3890	1.2442
.0400	-.3896	.5540	.9582	.0500	.2100	.7262	.6912	.5000	-.1480	-.9554	.3915	1.2393
.0600	-.4874	.5259	1.0034	.1000	.0886	.6914	.7452	.5000	-.5427	-1.0514	.3639	1.2937
.0800	-.7177	.4598	1.1145	.1500	.0258	.6733	.7729	.5000	-.7401	-.9964	.3797	1.2622
.1000	-.8418	.4241	1.1781	.2000	-.0359	.6556	.8001					
.1400	-.9123	.4039	1.2157	.2500	-.0964	.6382	.8268					
.1799	-.9684	.3878	1.2465	.3500	-.2571	.5921	.8983					
.2201	-1.0022	.3781	1.2655	.4500	-.4093	.5484	.9672					
.2600	-1.0105	.3757	1.2702	.5500	-.3429	.5674	.9369					
.3000	-1.0145	.3745	1.2725	.6500	-.1469	.6237	.8492					
.3400	-1.0136	.3748	1.2719	.7500	-.0130	.6622	.7900					
.3801	-1.0209	.3727	1.2761	.8000	.0321	.6751	.7701					
.4199	-1.0321	.3695	1.2826	.8500	.0637	.6842	.7562					
.4600	-1.0420	.3666	1.2883	.9000	.0807	.6891	.7486					
.5000	-.9020	.4068	1.2101	.9500	.0422	.6780	.7657					
.5400	-.5823	.4987	1.0483									
.5799	-.4561	.5349	.9888									
.6201	-.3950	.5525	.9607									
.6600	-.3439	.5671	.9374									
.7000	-.3018	.5792	.9183									
.7500	-.2435	.5960	.8922									
.8000	-.1976	.6092	.8717									
.8500	-.1598	.6200	.8549									
.9237	-.1213	.6311	.8378									
.9749	-.0957	.6384	.8265									

PT 2.5643 ATM
 TT 219.6846 K
 RC 4.0050 MILLION
 MACH .7805
 ALPHA 2.5164 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .5234
 CM -.0497
 CC .0132

CD2 .04771
 CD3 .04404
 CD4 .04125
 CD5 .03845
 CD6 .03190

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1582	.9990	.0378	0.0000	1.1582	.9990	.0378	.5000	-.7401	-1.0224	.3761	1.2693
.0040	.5035	.8120	.5531	.0040	.6263	.8471	.4922	.5000	.5427	-1.0191	.3771	1.2674
.0150	-.0014	.6678	.7914	.0080	.4361	.7927	.5851	.5000	.3454	-.8402	.4282	1.1707
.0250	-.1600	.6225	.8511	.0262	.3240	.7607	.6369	.5000	.1480	-.6501	.4825	1.0755
.0400	-.4617	.5363	.9866	.0500	.2607	.7426	.6655	.5000	-.1480	-.7204	.4624	1.1100
.0600	-.5456	.5123	1.0256	.1000	.1304	.7054	.7235	.5000	-.5427	-.9621	.3934	1.2357
.0800	-.7651	.4496	1.1323	.1500	.0620	.6859	.7536	.5000	-.7401	-1.0102	.3796	1.2624
.1000	-.8898	.4140	1.1967	.2000	-.0033	.6672	.7822					
.1400	-.9560	.3951	1.2324	.2500	-.0664	.6492	.8099					
.1799	-1.0210	.3765	1.2685	.3500	-.2284	.6029	.8813					
.2201	-1.0515	.3678	1.2859	.4500	-.3807	.5594	.9496					
.2600	-1.0602	.3653	1.2909	.5500	-.3315	.5735	.9274					
.3000	-1.0657	.3638	1.2940	.6500	-.1460	.6265	.8449					
.3400	-1.0685	.3630	1.2957	.7500	-.0172	.6632	.7884					
.3801	-1.0730	.3617	1.2983	.8000	.0256	.6755	.7696					
.4199	-1.0852	.3582	1.3054	.8500	.0532	.6834	.7574					
.4600	-1.0884	.3801	1.2614	.9000	.0680	.6876	.7509					
.5000	-.6583	.4801	1.0795	.9500	.0233	.6748	.7706					
.5400	-.4492	.5256	1.0040									
.5799	-.4466	.5406	.9796									
.6201	-.3956	.5552	.9564									
.6600	-.3493	.5684	.9354									
.7000	-.3126	.5769	.9189									
.7500	-.2604	.5938	.8956									
.8000	-.2184	.6058	.8769									
.8500	-.1869	.6148	.8630									
.9237	-.1513	.6250	.8472									
.9749	-.1289	.6314	.8374									

PT 2.5653 ATM
 TT 219.6374 K
 RC 4.0048 MILLION
 MACH .7795
 ALPHA 3.0297 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .5315
 CM -.0461
 CC .0150

CD2 .05179
 CD3 .04928
 CD4 .04960
 CD5 .04754
 CD6 .04058

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1584	.9988	.0410	0.0000	1.1584	.9988	.0410	.5000	.7401	-.9545	.3935	1.2355
.0040	.4485	.7954	.5807	.0040	.6898	.8646	.4602	.5000	.5427	-.7176	.4613	1.1118
.0150	-.0552	.6511	.8070	.0080	.4941	.8085	.5590	.5000	.3454	-.5824	.5001	1.0459
.0250	-.2025	.6089	.8721	.0262	.3696	.7728	.6175	.5000	.1480	-.5189	.5183	1.0159
.0400	-.5091	.5211	1.0113	.0500	.2950	.7515	.6516	.5000	-.1480	-.5670	.5045	1.0386
.0600	-.5921	.4973	1.0506	.1000	.1586	.7124	.7127	.5000	-.5427	-.6600	.4779	1.0834
.0800	-.7881	.4412	1.1473	.1500	.0855	.6914	.7450	.5000	-.7401	-.8552	.4219	1.1822
.1000	-.9131	.4053	1.2130	.2000	.0176	.6720	.7750					
.1400	-.9724	.3884	1.2454	.2500	-.0491	.6529	.8043					
.1799	-1.0522	.3655	1.2906	.3500	-.2153	.6052	.8777					
.2201	-1.0865	.3557	1.3107	.4500	-.3760	.5592	.9499					
.2600	-1.0978	.3524	1.3174	.5500	-.3395	.5697	.9334					
.3000	-1.0990	.3521	1.3181	.6500	-.1580	.6217	.8523					
.3400	-1.1054	.3502	1.3219	.7500	-.0321	.6577	.7968					
.3801	-1.1039	.3507	1.3210	.8000	.0088	.6694	.7788					
.4199	-1.0593	.3635	1.2947	.8500	.0145	.6711	.7763					
.4600	-.7618	.4487	1.1340	.9000	.0451	.6799	.7628					
.5000	-.5397	.5123	1.0257	.9500	-.0051	.6655	.7850					
.5400	-.4718	.5318	.9939									
.5799	-.4397	.5410	.9791									
.6201	-.3989	.5527	.9603									
.6600	-.3605	.5636	.9429									
.7000	-.3292	.5726	.9287									
.7500	-.2804	.5866	.9068									
.8000	-.2483	.5958	.8924									
.8500	-.2228	.6031	.8811									
.9237	-.1939	.6114	.8682									
.9749	-.1765	.6164	.8605									

PT 2.5644 ATM
 TT 219.6330 K
 RC 4.0068 MILLION
 MACH .7806
 ALPHA 3.5131 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .5535
 CM -.0449
 CC .0149

CD2 .05745
 CD3 .06012
 CD4 .06125
 CD5 .05667
 CD6 .04916

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1597	.9995	.0265	0.0000	1.1597	.9995	.0265	.5000	.7401	-.7071	.4669	1.1021
.0040	.3782	.7765	.6115	.0040	.7594	.8853	.4203	.5000	.5427	-.6026	.4967	1.0515
.0150	-.1236	.6334	.8342	.0080	.5633	.8294	.5234	.5000	.3454	-.5573	.5096	1.0301
.0250	-.2596	.5946	.8943	.0262	.4197	.7884	.5923	.5000	.1480	-.5198	.5203	1.0125
.0400	-.5721	.5054	1.0371	.0500	.3349	.7642	.6313	.5000	-.1480	-.5246	.5190	1.0147
.0600	-.6968	.4699	1.0971	.1000	.1921	.7234	.6955	.5000	-.5427	-.5957	.4987	1.0483
.0800	-.8074	.4383	1.1524	.1500	.1145	.7013	.7298	.5000	-.7401	-.6625	.4796	1.0803
.1000	-.9431	.3996	1.2238	.2000	.0442	.6813	.7607					
.1400	-1.0207	.3775	1.2667	.2500	-.0247	.6616	.7909					
.1799	-1.0916	.3572	1.3074	.3500	-.1922	.6138	.8645					
.2201	-1.1272	.3471	1.3285	.4500	-.3543	.5676	.9367					
.2600	-1.1456	.3418	1.3396	.5500	-.3310	.5742	.9262					
.3000	-1.1439	.3423	1.3386	.6500	-.1572	.6238	.8490					
.3400	-1.1457	.3418	1.3396	.7500	-.0349	.6587	.7953					
.3801	-1.1047	.3535	1.3151	.8000	.0038	.6697	.7784					
.4199	-.8234	.4337	1.1606	.8500	.0258	.6760	.7687					
.4600	-.5974	.4982	1.0491	.9000	.0360	.6789	.7643					
.5000	-.5231	.5194	1.0140	.9500	-.0190	.6632	.7884					
.5400	-.4812	.5314	.9946									
.5799	-.4461	.5414	.9784									
.6201	-.4095	.5518	.9617									
.6600	-.3708	.5629	.9442									
.7000	-.3393	.5719	.9299									
.7500	-.2963	.5841	.9106									
.8000	-.2661	.5927	.8972									
.8500	-.2448	.5988	.8877									
.9237	-.2185	.6063	.8761									
.9749	-.2044	.6103	.8696									

PT 2.5649 ATM
 TT 219.6134 K
 RC 4.0111 MILLION
 MACH .7817
 ALPHA 4.0120 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .5618
 CM -.0429
 CC .0160

CD2 .06316
 CD3 .06780
 CD4 .06899
 CD5 .06612
 CD6 .06038

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1560	.9983	.0490	0.0000	1.1560	.9983	.0490	.5000	.7401	-.5909	.4990	1.0477
.0040	.3139	.7576	.6418	.0040	.8103	.8995	.3915	.5000	.5427	-.5725	.5042	1.0390
.0150	-.1804	.6163	.8606	.0080	.6153	.8438	.4981	.5000	.3454	-.5431	.5127	1.0251
.0250	-.3056	.5805	.9163	.0262	.4596	.7992	.5744	.5000	.1480	-.5207	.5191	1.0146
.0400	-.6216	.4902	1.0625	.0500	.3675	.7729	.6173	.5000	-.1480	-.5178	.5199	1.0133
.0600	-.7675	.4485	1.1343	.1000	.2173	.7300	.6853	.5000	-.5427	-.5758	.5033	1.0406
.0800	-.8544	.4237	1.1789	.1500	.1360	.7068	.7214	.5000	-.7401	-.5960	.4975	1.0502
.1000	-.9569	.3944	1.2337	.2000	.0619	.6856	.7540					
.1400	-1.0643	.3637	1.2943	.2500	-.0092	.6653	.7852					
.1799	-1.1234	.3468	1.3291	.3500	-.1818	.6159	.8612					
.2201	-1.1531	.3383	1.3471	.4500	-.3511	.5675	.9368					
.2600	-1.1693	.3337	1.3571	.5500	-.3373	.5715	.9305					
.3000	-1.1720	.3329	1.3587	.6500	-.1678	.6199	.8550					
.3400	-1.1599	.3363	1.3513	.7500	-.0485	.6540	.8025					
.3801	-.9172	.4057	1.2122	.8000	-.0114	.6646	.7862					
.4199	-.6463	.4831	1.0744	.8500	.0096	.6706	.7770					
.4600	-.5563	.5089	1.0314	.9000	.0176	.6729	.7735					
.5000	-.5214	.5188	1.0150	.9500	-.0413	.6561	.7994					
.5400	-.4894	.5280	1.0000									
.5799	-.4554	.5377	.9843									
.6201	-.4204	.5477	.9683									
.6600	-.3859	.5576	.9525									
.7000	-.3576	.5657	.9397									
.7500	-.3206	.5763	.9230									
.8000	-.2938	.5839	.9110									
.8500	-.2726	.5900	.9015									
.9237	-.2548	.5951	.8936									
.9749	-.2389	.5996	.8865									

PT 2.5617 ATM
 TT 219.6238 K
 RC 4.0320 MILLION
 MACH .7913
 ALPHA -.9967 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .1436
 CM -.0547
 CC .0106

CD2 .01356
 CD3 .01356
 CD4 .01355
 CD5 .01348
 CD6 .01247

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0915	.9779	.1787
.0040	.9785	.9450	.2851
.0150	.5128	.8093	.5576
.0250	.3008	.7475	.6578
.0400	.0189	.6654	.7850
.0600	-.1527	.6154	.8619
.0800	-.3849	.5478	.9681
.1000	-.4659	.5417	.9779
.1400	-.4924	.5165	1.0189
.1799	-.5691	.4941	1.0559
.2201	-.5791	.4912	1.0608
.2600	-.5721	.4933	1.0573
.3000	-.5571	.4976	1.0500
.3400	-.5335	.5045	1.0386
.3801	-.5389	.5029	1.0412
.4199	-.5651	.4953	1.0539
.4600	-.5896	.4881	1.0659
.5000	-.6200	.4793	1.0809
.5400	-.6558	.4689	1.0988
.5799	-.6969	.4569	1.1195
.6201	-.7376	.4450	1.1404
.6600	-.6532	.4696	1.0975
.7000	-.4227	.5368	.9858
.7500	-.2672	.5821	.9139
.8000	-.1369	.6200	.8548
.8500	-.0231	.6532	.8038
.9237	.0730	.6812	.7608
.9749	.1126	.6927	.7430

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0915	.9779	.1787
.0040	-.3281	.5644	.9418
.0080	-.5463	.5008	1.0448
.0262	-.3251	.5652	.9404
.0500	-.1907	.6044	.8791
.1000	-.2180	.5964	.8914
.1500	-.2530	.5862	.9074
.2000	-.2829	.5775	.9210
.2500	-.3221	.5661	.9390
.3500	-.4691	.5233	1.0077
.4500	-.6652	.4661	1.1035
.5500	-.4123	.5398	.9809
.6500	-.1604	.6132	.8654
.7500	-.0037	.6589	.7951
.8000	.0546	.6758	.7690
.8500	.1002	.6891	.7486
.9000	.1366	.6997	.7323
.9500	.1417	.7012	.7299

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.5800	.4910	1.0612
.5000	.5427	-.6054	.4836	1.0737
.5000	.3454	-.6146	.4809	1.0783
.5000	.1480	-.6211	.4790	1.0815
.5000	-.1480	-.6239	.4782	1.0828
.5000	-.5427	-.6087	.4826	1.0753
.5000	-.7401	-.5793	.4912	1.0609

PT 2.5615 ATM
 TT 219.6495 K
 RC 4.0338 MILLION
 MACH .7924
 ALPHA .0102 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .2961
 CM -.0535
 CC .0098

CD2 .01440
 CD3 .01416
 CD4 .01407
 CD5 .01409
 CD6 .01295

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1481	.9948	.0860
.0040	.8594	.9111	.3667
.0150	.3631	.7672	.6265
.0250	.1631	.7092	.7176
.0400	-.1307	.6240	.8487
.0600	-.2850	.5793	.9182
.0800	-.5559	.5008	1.0448
.1000	-.5642	.4983	1.0488
.1400	-.6275	.4800	1.0798
.1799	-.7073	.4568	1.1197
.2201	-.7445	.4461	1.1386
.2600	-.7552	.4430	1.1441
.3000	-.7621	.4409	1.1477
.3400	-.7706	.4385	1.1521
.3801	-.7740	.4375	1.1539
.4199	-.7853	.4342	1.1598
.4600	-.7952	.4314	1.1649
.5000	-.8104	.4270	1.1729
.5400	-.8074	.4278	1.1713
.5799	-.7204	.4530	1.1263
.6201	-.5400	.5054	1.0372
.6600	-.4508	.5312	.9948
.7000	-.3757	.5530	.9598
.7500	-.2524	.5888	.9034
.8000	-.1282	.6248	.8475
.8500	-.0227	.6553	.8005
.9237	.0673	.6814	.7604
.9749	.1047	.6923	.7437

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1481	.9948	.0860
.0040	.0426	.6743	.7714
.0080	-.1327	.6234	.8496
.0262	-.0574	.6453	.8159
.0500	-.0272	.6540	.8025
.1000	-.0978	.6336	.8340
.1500	-.1349	.6228	.8505
.2000	-.1786	.6102	.8701
.2500	-.2281	.5958	.8924
.3500	-.3800	.5517	.9618
.4500	-.5478	.5031	1.0409
.5500	-.3764	.5528	.9601
.6500	-.1459	.6196	.8555
.7500	.0086	.6644	.7866
.8000	.0645	.6806	.7617
.8500	.1082	.6933	.7421
.9000	.1414	.7029	.7273
.9500	.1415	.7030	.7273

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.6472	.4743	1.0895
.5000	.5427	-.6792	.4650	1.1055
.5000	.3454	-.7512	.4441	1.1421
.5000	.1480	-.8016	.4295	1.1683
.5000	-.1480	-.8105	.4269	1.1730
.5000	-.5427	-.6598	.4706	1.0958
.5000	-.7401	-.6347	.4779	1.0833

PT 2.5617 ATM
 TT 219.6977 K
 RC 4.0324 MILLION
 MACH .7922
 ALPHA 1.0226 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .4101
 CM -.0556
 CC .0123

CD2 .02913
 CD3 .02731
 CD4 .02381
 CD5 .01965
 CD6 .01651

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1636	.9992	.0334	0.0000	1.1636	.9992	.0334	.5000	.7401	-.8668	.4097	1.2047
.0040	.7334	.8743	.4418	.0040	.3183	.7538	.6479	.5000	.5427	-.8988	.4004	1.2223
.0150	.2266	.7272	.6897	.0080	.1344	.7004	.7312	.5000	.3454	-.9615	.3822	1.2573
.0250	.0361	.6718	.7752	.0262	.1207	.6964	.7373	.5000	.1480	-.9580	.3832	1.2553
.0400	-.2514	.5884	.9040	.0500	.1012	.6907	.7461	.5000	-.1480	-.9673	.3805	1.2606
.0600	-.3795	.5512	.9627	.1000	.0027	.6622	.7900	.5000	-.5427	-.9157	.3955	1.2316
.0800	-.6303	.4784	1.0825	.1500	-.0487	.6472	.8130	.5000	-.7401	-.8462	.4157	1.1936
.1000	-.7460	.4448	1.1409	.2000	-.1012	.6320	.8364					
.1400	-.7765	.4359	1.1567	.2500	-.1580	.6155	.8619					
.1799	-.8342	.4192	1.1872	.3500	-.3144	.5701	.9327					
.2201	-.8610	.4114	1.2016	.4500	-.4766	.5230	1.0082					
.2600	-.8676	.4095	1.2051	.5500	-.3653	.5553	.9561					
.3000	-.8766	.4069	1.2101	.6500	-.1467	.6188	.8568					
.3400	-.8902	.4029	1.2175	.7500	.0005	.6615	.7910					
.3801	-.8979	.4007	1.2217	.8000	.0514	.6763	.7683					
.4199	-.9163	.3954	1.2319	.8500	.0865	.6865	.7527					
.4600	-.9305	.3912	1.2398	.9000	.1118	.6938	.7413					
.5000	-.9593	.3829	1.2561	.9500	.0899	.6875	.7511					
.5400	-.9805	.3767	1.2682									
.5799	-.7206	.4522	1.1279									
.6201	-.4514	.5303	.9963									
.6600	-.3489	.5601	.9486									
.7000	-.2823	.5794	.9180									
.7500	-.2047	.6019	.8829									
.8000	-.1417	.6202	.8545									
.8500	-.0932	.6343	.8328									
.9237	-.0374	.6505	.8079									
.9749	-.0075	.6592	.7946									

PT 2.5611 ATM
 TT 219.7195 K
 RC 4.0261 MILLION
 MACH .7904
 ALPHA 1.5274 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .4269
 CM -.0508
 CC .0148

CD2 .03746
 CD3 .03607
 CD4 .03079
 CD5 .02600
 CD6 .02000

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1638	.9990	.0376	0.0000	1.1638	.9990	.0376	.5000	.7401	-.9331	.3884	1.2453
.0040	.6806	.8583	.4718	.0040	.4130	.7804	.6053	.5000	.5427	-.9606	.3804	1.2609
.0150	.1742	.7108	.7151	.0080	.2251	.7257	.6920	.5000	.3454	-1.0166	.3641	1.2934
.0250	-.0054	.6585	.7956	.0262	.1837	.7136	.7108	.5000	.1480	-1.0035	.3679	1.2857
.0400	-.2965	.5738	.9269	.0500	.1502	.7038	.7259	.5000	-.1480	-.9978	.3696	1.2824
.0600	-.4119	.5402	.9804	.1000	.0413	.6721	.7747	.5000	-.5427	-.9776	.3755	1.2706
.0800	-.6555	.4692	1.0982	.1500	-.0159	.6555	.8003	.5000	-.7401	-.9314	.3889	1.2443
.1000	-.7716	.4354	1.1576	.2000	-.0737	.6386	.8262					
.1400	-.8272	.4192	1.1871	.2500	-.1330	.6214	.8528					
.1799	-.8910	.4007	1.2218	.3500	-.2957	.5740	.9266					
.2201	-.9107	.3949	1.2327	.4500	-.4661	.5244	1.0059					
.2600	-.9145	.3938	1.2348	.5500	-.3711	.5520	.9613					
.3000	-.9215	.3918	1.2387	.6500	-.1570	.6144	.8635					
.3400	-.9353	.3877	1.2465	.7500	-.0166	.6553	.8006					
.3801	-.9434	.3854	1.2511	.8000	.0306	.6690	.7795					
.4199	-.9588	.3809	1.2599	.8500	.0636	.6786	.7647					
.4600	-.9734	.3767	1.2682	.9000	.0820	.6840	.7565					
.5000	-.9863	.3729	1.2757	.9500	.0462	.6736	.7725					
.5400	-.7195	.4506	1.1306									
.5799	-.4584	.5266	1.0023									
.6201	-.3733	.5514	.9623									
.6600	-.3215	.5665	.9384									
.7000	-.2828	.5778	.9206									
.7500	-.2244	.5948	.8940									
.8000	-.1822	.6071	.8749									
.8500	-.1489	.6167	.8599									
.9237	-.1122	.6274	.8434									
.9749	-.0890	.6342	.8330									

PT 2.5613 ATM
TT 219.7381 K
RC 4.0253 MILLION
MACH .7901
ALPHA 2.0264 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .4624
CM -.0490
CC .0152

CD2 .04522
CD3 .04331
CD4 .03897
CD5 .03469
CD6 .02672

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1604	.9984	.0481	0.0000	1.1604	.9984	.0481	.5000	.7401	-.9890	.3750	1.2715
.0040	.6098	.8387	.5071	.0040	.5073	.8090	.5582	.5000	.5427	-1.0184	.3665	1.2886
.0150	.1046	.6922	.7439	.0080	.3143	.7530	.6492	.5000	.3454	-1.0573	.3552	1.3116
.0250	-.0662	.6426	.8200	.0262	.2453	.7330	.6807	.5000	.1480	-.9040	.3997	1.2237
.0400	-.3600	.5574	.9528	.0500	.1995	.7197	.7014	.5000	-.1480	-.8941	.4025	1.2183
.0600	-.4613	.5280	1.0000	.1000	.0803	.6851	.7547	.5000	-.5427	-1.0348	.3617	1.2982
.0800	-.6927	.4609	1.1125	.1500	.0177	.6670	.7826	.5000	-.7401	-.9951	.3732	1.2750
.1000	-.8134	.4259	1.1748	.2000	-.0439	.6491	.8101					
.1400	-.8856	.4050	1.2136	.2500	-.1053	.6313	.8375					
.1799	-.9426	.3885	1.2451	.3500	-.2701	.5835	.9116					
.2201	-.9761	.3788	1.2641	.4500	-.4362	.5353	.9882					
.2600	-.9852	.3761	1.2693	.5500	-.3639	.5563	.9546					
.3000	-.9889	.3750	1.2715	.6500	-.1596	.6156	.8618					
.3400	-.9911	.3744	1.2727	.7500	-.0244	.6548	.8014					
.3801	-.9990	.3721	1.2773	.8000	.0205	.6678	.7814					
.4199	-1.0112	.3686	1.2844	.8500	.0513	.6767	.7677					
.4600	-1.0223	.3653	1.2909	.9000	.0669	.6812	.7607					
.5000	-.8478	.4160	1.1931	.9500	.0248	.6690	.7795					
.5400	-.5329	.5073	1.0340									
.5799	-.4266	.5381	.9837									
.6201	-.3763	.5527	.9603									
.6600	-.3318	.5656	.9398									
.7000	-.2955	.5762	.9232									
.7500	-.2453	.5907	.9004									
.8000	-.2070	.6018	.8831									
.8500	-.1770	.6105	.8696									
.9237	-.1445	.6199	.8550									
.9749	-.1243	.6258	.8459									

PT 2.5614 ATM
TT 219.7513 K
RC 4.0255 MILLION
MACH .7903
ALPHA 2.5152 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .4855
CM -.0466
CC .0162

CD2 .04883
CD3 .04667
CD4 .04870
CD5 .04650
CD6 .03727

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1603	.9985	.0468	0.0000	1.1603	.9985	.0468	.5000	.7401	-1.0401	.3613	1.2990
.0040	.5435	.8199	.5397	.0040	.5957	.8350	.5136	.5000	.5427	-.9868	.3768	1.2681
.0150	.0402	.6741	.7716	.0080	.4054	.7799	.6061	.5000	.3454	-.7294	.4513	1.1294
.0250	-.1212	.6274	.8435	.0262	.3065	.7512	.6519	.5000	.1480	-.5665	.4985	1.0487
.0400	-.4198	.5409	.9791	.0500	.2421	.7326	.6812	.5000	-.1480	-.6604	.4713	1.0946
.0600	-.5064	.5158	1.0199	.1000	.1160	.6961	.7379	.5000	-.5427	-.8615	.4130	1.1985
.0800	-.7277	.4518	1.1285	.1500	.0477	.6763	.7683	.5000	-.7401	-1.0200	.3671	1.2872
.1000	-.8531	.4155	1.1940	.2000	-.0163	.6578	.7968					
.1400	-.9197	.3962	1.2303	.2500	-.0815	.6389	.8258					
.1799	-.9830	.3779	1.2659	.3500	-.2475	.5908	.9002					
.2201	-1.0145	.3687	1.2841	.4500	-.4170	.5417	.9778					
.2600	-1.0251	.3657	1.2902	.5500	-.3636	.5572	.9531					
.3000	-1.0315	.3638	1.2940	.6500	-.1653	.6146	.8632					
.3400	-1.0348	.3628	1.2960	.7500	-.0322	.6532	.8038					
.3801	-1.0415	.3609	1.2999	.8000	.0109	.6656	.7847					
.4199	-1.0537	.3574	1.3071	.8500	.0360	.6729	.7735					
.4600	-.9837	.3776	1.2663	.9000	.0500	.6770	.7673					
.5000	-.5995	.4889	1.0647	.9500	.0026	.6632	.7884					
.5400	-.4602	.5292	.9980									
.5799	-.4206	.5407	.9795									
.6201	-.3769	.5534	.9592									
.6600	-.3387	.5644	.9417									
.7000	-.3087	.5731	.9280									
.7500	-.2630	.5863	.9072									
.8000	-.2325	.5952	.8934									
.8500	-.2094	.6019	.8830									
.9237	-.1778	.6110	.8688									
.9749	-.1634	.6152	.8624									

PT 2.5615 ATM
 TT 219.7047 K
 RC 4.0267 MILLION
 MACH .7902
 ALPHA 3.0242 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .4975
 CM -.0443
 CC .0181

CD2 .05219
 CD3 .05169
 CD4 .05576
 CD5 .05443
 CD6 .04624

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1622	.9988	.0409	0.0000	1.1622	.9988	.0409	.5000	.7401	-1.0166	.3664	1.2888
.0040	.4927	.8045	.5657	.0040	.6584	.8526	.4823	.5000	.5427	-.6567	.4708	1.0954
.0150	-.0071	.6594	.7943	.0080	.4680	.7973	.5776	.5000	.3454	-.5391	.5050	1.0378
.0250	-.1605	.6149	.8628	.0262	.3489	.7627	.6337	.5000	.1480	-.4893	.5194	1.0140
.0400	-.4623	.5273	1.0012	.0500	.2813	.7431	.6647	.5000	-.1480	-.5275	.5083	1.0322
.0600	-.5448	.5033	1.0405	.1000	.1457	.7038	.7260	.5000	-.5427	-.6033	.4863	1.0690
.0800	-.7499	.4438	1.1426	.1500	.0734	.6828	.7584	.5000	-.7401	-.8877	.4038	1.2159
.1000	-.8743	.4077	1.2085	.2000	.0045	.6628	.7891					
.1400	-.9348	.3901	1.2419	.2500	-.0622	.6434	.8188					
.1799	-1.0132	.3674	1.2868	.3500	-.2349	.5933	.8963					
.2201	-1.0467	.3576	1.3066	.4500	-.4123	.5418	.9778					
.2600	-1.0588	.3541	1.3138	.5500	-.3700	.5541	.9581					
.3000	-1.0619	.3532	1.3157	.6500	-.1752	.6106	.8694					
.3400	-1.0708	.3507	1.3210	.7500	-.0466	.6479	.8119					
.3801	-1.0727	.3501	1.3222	.8000	-.0054	.6599	.7935					
.4199	-1.0529	.3559	1.3102	.8500	.0203	.6674	.7820					
.4600	-.7379	.4473	1.1365	.9000	.0313	.6706	.7771					
.5000	-.5111	.5131	1.0244	.9500	-.0221	.6551	.8009					
.5400	-.4497	.5309	.9953									
.5799	-.4195	.5397	.9811									
.6201	-.3847	.5498	.9649									
.6600	-.3528	.5590	.9502									
.7000	-.3276	.5664	.9386									
.7500	-.2858	.5785	.9195									
.8000	-.2586	.5864	.9071									
.8500	-.2381	.5924	.8978									
.9237	-.2172	.5984	.8884									
.9749	-.2025	.6027	.8817									

PT 2.5620 ATM
 TT 219.6570 K
 RC 4.0362 MILLION
 MACH .7930
 ALPHA 3.5029 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .5132
 CM -.0426
 CC .0188

CD2 .05698
 CD3 .06243
 CD4 .06571
 CD5 .06269
 CD6 .05553

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1612	.9985	.0465	0.0000	1.1612	.9985	.0465	.5000	.7401	-.7180	.4527	1.1270
.0040	.4316	.7866	.5953	.0040	.7245	.8716	.4469	.5000	.5427	-.5501	.5014	1.0437
.0150	-.0702	.6408	.8228	.0080	.5277	.8145	.5489	.5000	.3454	-.5133	.5121	1.0260
.0250	-.2119	.5997	.8864	.0262	.3948	.7759	.6126	.5000	.1480	-.4903	.5188	1.0150
.0400	-.5174	.5109	1.0280	.0500	.3150	.7527	.6496	.5000	-.1480	-.4917	.5184	1.0157
.0600	-.6257	.4795	1.0806	.1000	.1747	.7119	.7134	.5000	-.5427	-.5529	.5006	1.0450
.0800	-.7708	.4373	1.1542	.1500	.0975	.6895	.7479	.5000	-.7401	-.6448	.4739	1.0901
.1000	-.8995	.4000	1.2231	.2000	.0272	.6691	.7794					
.1400	-.9690	.3798	1.2622	.2500	-.0432	.6487	.8107					
.1799	-1.0434	.3582	1.3055	.3500	-.2168	.5982	.8886					
.2201	-1.0813	.3472	1.3283	.4500	-.3985	.5455	.9718					
.2600	-1.0995	.3419	1.3395	.5500	-.3722	.5531	.9596					
.3000	-1.0994	.3419	1.3394	.6500	-.1817	.6084	.8728					
.3400	-1.1060	.3400	1.3435	.7500	-.0543	.6454	.8157					
.3801	-1.0919	.3441	1.3348	.8000	-.0147	.6569	.7981					
.4199	-.8390	.4175	1.1902	.8500	.0073	.6633	.7882					
.4600	-.5703	.4956	1.0535	.9000	.0170	.6661	.7839					
.5000	-.4973	.5168	1.0184	.9500	-.0398	.6497	.8092					
.5400	-.4583	.5281	.9999									
.5799	-.4291	.5366	.9861									
.6201	-.3977	.5457	.9715									
.6600	-.3656	.5550	.9566									
.7000	-.3402	.5624	.9449									
.7500	-.3064	.5722	.9293									
.8000	-.2828	.5791	.9186									
.8500	-.2661	.5839	.9110									
.9237	-.2467	.5895	.9022									
.9749	-.2355	.5928	.8971									

PT 2.5341 ATM
TT 219.6139 K
RC 4.0118 MILLION
MACH .8001
ALPHA -.9979 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .1375
CM -.0520
CC .0121

CD2 .01541
CD3 .01548
CD4 .01526
CD5 .01495
CD6 .01355

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0975	.9786	.1759	0.0000	1.0975	.9786	.1759	.5000	.7401	-.5878	.4826	1.0752
.0040	.9821	.9446	.2861	.0040	-.3101	.5644	.9418	.5000	.5427	-.6089	.4764	1.0858
.0150	.5187	.8083	.5594	.0080	-.5368	.4977	1.0500	.5000	.3454	-.6159	.4744	1.0893
.0250	.3074	.7461	.6601	.0262	-.3156	.5628	.9443	.5000	.1480	-.6080	.4767	1.0853
.0400	.0289	.6641	.7870	.0500	-.1862	.6008	.8846	.5000	-.1480	-.6085	.4766	1.0856
.0600	-.1444	.6131	.8655	.1000	-.2134	.5928	.8971	.5000	-.5427	-.6084	.4766	1.0855
.0800	-.3784	.5443	.9738	.1500	-.2501	.5820	.9139	.5000	-.7401	-.5879	.4826	1.0753
.1000	-.3997	.5380	.9839	.2000	-.2796	.5734	.9276					
.1400	-.4864	.5125	1.0254	.2500	-.3201	.5614	.9464					
.1799	-.5694	.4881	1.0661	.3500	-.4687	.5177	1.0168					
.2201	-.5889	.4823	1.0758	.4500	-.6670	.4593	1.1153					
.2600	-.5868	.4829	1.0747	.5500	-.5191	.5029	1.0413					
.3000	-.5873	.4828	1.0749	.6500	-.1584	.6090	.8719					
.3400	-.5775	.4857	1.0701	.7500	-.0045	.6543	.8021					
.3801	-.5664	.4890	1.0646	.8000	.0534	.6713	.7759					
.4199	-.5544	.4925	1.0587	.8500	.0980	.6844	.7558					
.4600	-.5606	.4906	1.0617	.9000	.1333	.6949	.7398					
.5000	-.5988	.4794	1.0807	.9500	.1367	.6958	.7382					
.5400	-.6477	.4650	1.1054									
.5799	-.7026	.4489	1.1336									
.6201	-.7598	.4320	1.1637									
.6600	-.7181	.4443	1.1417									
.7000	-.4145	.5337	.9909									
.7500	-.2442	.5838	.9112									
.8000	-.1219	.6198	.8553									
.8500	-.0227	.6489	.8103									
.9237	.0621	.6739	.7720									
.9749	.0994	.6849	.7551									

PT 2.5339 ATM
TT 219.6353 K
RC 4.0134 MILLION
MACH .8010
ALPHA -.4698 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .2060
CM -.0516
CC .0121

CD2 .01447
CD3 .01453
CD4 .01477
CD5 .01493
CD6 .01352

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1259	.9864	.1396	0.0000	1.1259	.9864	.1396	.5000	.7401	-.6343	.4661	1.1036
.0040	.9419	.9321	.3182	.0040	-.1529	.6084	.8729	.5000	.5427	-.6467	.4624	1.1100
.0150	.4622	.7902	.5893	.0080	-.3426	.5523	.9609	.5000	.3454	-.6733	.4545	1.1237
.0250	.2566	.7295	.6861	.0262	-.1888	.5978	.8893	.5000	.1480	-.7186	.4412	1.1473
.0400	-.0260	.6459	.8150	.0500	-.1133	.6201	.8547	.5000	-.1480	-.7305	.4376	1.1536
.0600	-.1938	.5963	.8917	.1000	-.1526	.6085	.8727	.5000	-.5427	-.6360	.4656	1.1045
.0800	-.4456	.5218	1.0101	.1500	-.1964	.5955	.8928	.5000	-.7401	-.6250	.4688	1.0989
.1000	-.4560	.5188	1.0151	.2000	-.2340	.5844	.9102					
.1400	-.5363	.4950	1.0543	.2500	-.2792	.5711	.9312					
.1799	-.6199	.4703	1.0963	.3500	-.4323	.5258	1.0036					
.2201	-.6552	.4599	1.1143	.4500	-.6352	.4658	1.1041					
.2600	-.6642	.4572	1.1190	.5500	-.4951	.5072	1.0341					
.3000	-.6713	.4551	1.1226	.6500	-.1525	.6085	.8727					
.3400	-.6775	.4533	1.1259	.7500	.0002	.6536	.8031					
.3801	-.6841	.4513	1.1293	.8000	.0570	.6704	.7773					
.4199	-.6963	.4478	1.1356	.8500	.1005	.6833	.7575					
.4600	-.7090	.4440	1.1423	.9000	.1346	.6934	.7420					
.5000	-.7273	.4386	1.1520	.9500	.1339	.6932	.7424					
.5400	-.7430	.4339	1.1603									
.5799	-.7551	.4304	1.1668									
.6201	-.7343	.4365	1.1557									
.6600	-.5228	.4990	1.0477									
.7000	-.3613	.5468	.9697									
.7500	-.2284	.5861	.9076									
.8000	-.1117	.6206	.8540									
.8500	-.0182	.6482	.8114									
.9237	.0572	.6705	.7772									
.9749	.0906	.6804	.7621									

PT 2.5342 ATM
 TT 219.6554 K
 RC 4.0138 MILLION
 MACH .8011
 ALPHA .0102 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .2864
 CM -.0558
 CC .0119

CD2 .01805
 CD3 .01723
 CD4 .01630
 CD5 .01571
 CD6 .01419

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1462	.9929	.1007	0.0000	1.1462	.9929	.1007	.5000	.7401	-.7113	.4463	1.1382
.0040	.8752	.9132	.3621	.0040	.0156	.6602	.7930	.5000	.5427	-.7630	.4311	1.1654
.0150	.3843	.7687	.6241	.0080	-.1658	.6068	.8753	.5000	.3454	-.7998	.4203	1.1852
.0250	.1839	.7097	.7168	.0262	-.0750	.6335	.8340	.5000	.1480	-.8168	.4153	1.1944
.0400	-.1021	.6256	.8463	.0500	-.0372	.6447	.8169	.5000	-.1480	-.8256	.4127	1.1992
.0600	-.2597	.5792	.9184	.1000	-.1080	.6238	.8490	.5000	-.5427	-.7513	.4345	1.1592
.0800	-.5285	.5001	1.0459	.1500	-.1456	.6128	.8661	.5000	-.7401	-.6918	.4521	1.1281
.1000	-.5372	.4976	1.0502	.2000	-.1894	.5999	.8861					
.1400	-.6050	.4776	1.0838	.2500	-.2394	.5852	.9090					
.1799	-.6845	.4542	1.1243	.3500	-.3956	.5392	.9819					
.2201	-.7230	.4429	1.1443	.4500	-.5956	.4803	1.0791					
.2600	-.7374	.4386	1.1519	.5500	-.3950	.5394	.9816					
.3000	-.7474	.4357	1.1572	.6500	-.1537	.6104	.8698					
.3400	-.7588	.4323	1.1632	.7500	-.0006	.6554	.8003					
.3801	-.7666	.4300	1.1673	.8000	.0549	.6718	.7753					
.4199	-.7818	.4256	1.1795	.8500	.0970	.6842	.7562					
.4600	-.7976	.4209	1.1840	.9000	.1289	.6935	.7418					
.5000	-.8202	.4143	1.1962	.9500	.1233	.6919	.7443					
.5400	-.8478	.4061	1.2114									
.5799	-.8813	.3963	1.2301									
.6201	-.7435	.4368	1.1551									
.6600	-.4238	.5309	.9953									
.7000	-.3169	.5624	.9449									
.7500	-.2084	.5943	.8948									
.8000	-.1116	.6228	.8506									
.8500	-.0341	.6456	.8155									
.9237	.0343	.6657	.7846									
.9749	.0692	.6760	.7688									

PT 2.5342 ATM
 TT 219.7152 K
 RC 4.0120 MILLION
 MACH .8010
 ALPHA 1.0081 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .3624
 CM -.0503
 CC .0155

CD2 .03566
 CD3 .03295
 CD4 .02753
 CD5 .02206
 CD6 .01786

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1626	.9976	.0587	0.0000	1.1626	.9976	.0587	.5000	.7401	-.8654	.3997	1.2236
.0040	.7641	.8801	.4306	.0040	.2706	.7346	.6781	.5000	.5427	-.8841	.3942	1.2341
.0150	.2621	.7321	.6820	.0080	.0932	.6823	.7591	.5000	.3454	-.9391	.3780	1.2656
.0250	.0707	.6757	.7693	.0262	.0916	.6819	.7598	.5000	.1480	-.9354	.3791	1.2635
.0400	-.2147	.5915	.8991	.0500	.0818	.6790	.7642	.5000	-.1480	-.9454	.3761	1.2693
.0600	-.3460	.5528	.9601	.1000	-.0155	.6503	.8083	.5000	-.5427	-.9001	.3895	1.2432
.0800	-.5971	.4788	1.0817	.1500	-.0663	.6353	.8313	.5000	-.7401	-.8479	.4049	1.2138
.1000	-.7111	.4452	1.1401	.2000	-.1201	.6194	.8558					
.1400	-.7407	.4365	1.1557	.2500	-.1769	.6027	.8817					
.1799	-.7925	.4212	1.1839	.3500	-.3413	.5542	.9579					
.2201	-.8250	.4116	1.2012	.4500	-.5377	.4963	1.0522					
.2600	-.8327	.4094	1.2054	.5500	-.3985	.5374	.9849					
.3000	-.8457	.4055	1.2126	.6500	-.1674	.6055	.8773					
.3400	-.8616	.4008	1.2214	.7500	-.0227	.6482	.8115					
.3801	-.8710	.3981	1.2267	.8000	.0269	.6628	.7891					
.4199	-.8915	.3920	1.2383	.8500	.0621	.6731	.7732					
.4600	-.9076	.3873	1.2474	.9000	.0825	.6792	.7639					
.5000	-.9367	.3787	1.2642	.9500	.0514	.6700	.7780					
.5400	-.9282	.3812	1.2593									
.5799	-.5575	.4905	1.0620									
.6201	-.3848	.5414	.9784									
.6600	-.3122	.5628	.9442									
.7000	-.2671	.5761	.9233									
.7500	-.2113	.5925	.8975									
.8000	-.1663	.6058	.8769									
.8500	-.1305	.6164	.8605									
.9237	-.0966	.6264	.8451									
.9749	-.0720	.6336	.8339									

PT 2.5342 ATM
 TT 219.6591 K
 RC 4.0131 MILLION
 MACH .8009
 ALPHA 1.5197 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .3889
 CM -.0467
 CC .0173

CD2 .04367
 CD3 .04223
 CD4 .03677
 CD5 .03114
 CD6 .02318

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1692	.9995	.0276	0.0000	1.1692	.9995	.0276	.5000	.7401	-.9187	.3836	1.2546
.0040	.7117	.8645	.4604	.0040	.3835	.7677	.6258	.5000	.5427	-.9416	.3768	1.2680
.0150	.2083	.7160	.7071	.0080	.1992	.7133	.7112	.5000	.3454	-.9910	.3622	1.2972
.0250	.0236	.6615	.7910	.0262	.1653	.7033	.7267	.5000	.1480	-.9760	.3667	1.2882
.0400	-.2619	.5773	.9213	.0500	.1360	.6947	.7400	.5000	-.1480	-.9674	.3692	1.2831
.0600	-.3792	.5427	.9763	.1000	.0302	.6635	.7880	.5000	-.5427	-.9564	.3724	1.2766
.0800	-.6240	.4705	1.0960	.1500	-.0273	.6465	.8140	.5000	-.7401	-.9159	.3844	1.2531
.1000	-.7362	.4374	1.1541	.2000	-.0838	.6299	.8397					
.1400	-.7889	.4219	1.1822	.2500	-.1450	.6118	.8676					
.1799	-.8558	.4021	1.2190	.3500	-.3113	.5628	.9443					
.2201	-.8753	.3964	1.2299	.4500	-.5092	.5044	1.0388					
.2600	-.8821	.3944	1.2338	.5500	-.4022	.5359	.9872					
.3000	-.8902	.3920	1.2384	.6500	-.1716	.6040	.8797					
.3400	-.9064	.3872	1.2476	.7500	-.0289	.6460	.8148					
.3801	-.9151	.3846	1.2526	.8000	.0181	.6599	.7935					
.4199	-.9318	.3797	1.2622	.8500	.0480	.6687	.7799					
.4600	-.9469	.3753	1.2710	.9000	.0650	.6738	.7722					
.5000	-.9560	.3726	1.2764	.9500	.0245	.6618	.7906					
.5400	-.6231	.4708	1.0955									
.5799	-.4089	.5340	.9904									
.6201	-.3446	.5529	.9599									
.6600	-.3034	.5651	.9406									
.7000	-.2723	.5743	.9262									
.7500	-.2260	.5879	.9048									
.8000	-.1944	.5972	.8902									
.8500	-.1706	.6042	.8793									
.9237	-.1399	.6133	.8652									
.9749	-.1255	.6175	.8587									

PT 2.5351 ATM
 TT 219.6732 K
 RC 4.0240 MILLION
 MACH .8047
 ALPHA 2.0060 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .4093
 CM -.0439
 CC .0191

CD2 .04624
 CD3 .04699
 CD4 .04775
 CD5 .04401
 CD6 .03349

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1693	.9992	.0335	0.0000	1.1693	.9992	.0335	.5000	.7401	-.9572	.3699	1.2817
.0040	.6629	.8493	.4882	.0040	.4646	.7907	.5886	.5000	.5427	-.9785	.3636	1.2944
.0150	.1627	.7013	.7298	.0080	.2784	.7356	.6766	.5000	.3454	-.9705	.3660	1.2896
.0250	-.0116	.6498	.8091	.0262	.2223	.7190	.7025	.5000	.1480	-.8085	.4139	1.1969
.0400	-.3007	.5642	.9421	.0500	.1827	.7073	.7206	.5000	-.1480	-.8342	.4063	1.2111
.0600	-.4083	.5324	.9930	.1000	.0656	.6726	.7740	.5000	-.5427	-.9824	.3625	1.2967
.0800	-.6406	.4636	1.1079	.1500	.0035	.6542	.8023	.5000	-.7401	-.9569	.3700	1.2815
.1000	-.7585	.4287	1.1697	.2000	-.0594	.6356	.8308					
.1400	-.8282	.4081	1.2078	.2500	-.1215	.6172	.8592					
.1799	-.8868	.3908	1.2407	.3500	-.2949	.5659	.9393					
.2201	-.9169	.3819	1.2580	.4500	-.4969	.5061	1.0359					
.2600	-.9291	.3782	1.2651	.5500	-.4120	.5313	.9947					
.3000	-.9313	.3776	1.2664	.6500	-.1799	.5999	.8860					
.3400	-.9412	.3747	1.2722	.7500	-.0432	.6404	.8235					
.3801	-.9560	.3720	1.2774	.8000	.0020	.6538	.8029					
.4199	-.9643	.3678	1.2859	.8500	.0321	.6627	.7892					
.4600	-.9794	.3633	1.2949	.9000	.0470	.6671	.7825					
.5000	-.8307	.4074	1.2091	.9500	-.0000	.6532	.8038					
.5400	-.4822	.5105	1.0287									
.5799	-.3923	.5371	.9853									
.6201	-.3498	.5497	.9651									
.6600	-.3125	.5607	.9476									
.7000	-.2847	.5689	.9345									
.7500	-.2467	.5802	.9169									
.8000	-.2176	.5888	.9034									
.8500	-.1909	.5967	.8910									
.9237	-.1780	.6005	.8851									
.9749	-.1611	.6055	.8774									

PT 2.5341 ATM
 TT 219.6991 K
 RC 4.0141 MILLION
 MACH .8017
 ALPHA 2.5050 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .4371
 CM -.0428
 CC .0202

CD2 .04936
 CD3 .04882
 CD4 .05352
 CD5 .05134
 CD6 .04152

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1667	.9987	.0435	0.0000	1.1667	.9987	.0435	.5000	.7401	-1.0132	.3553	1.3114
.0040	.5991	.8312	.5203	.0040	.5488	.8163	.5458	.5000	.5427	-.9199	.3828	1.2561
.0150	.1002	.6839	.7566	.0080	.3568	.7597	.6386	.5000	.3454	-.6323	.4677	1.1007
.0250	-.0662	.6348	.8321	.0262	.2759	.7358	.6763	.5000	.1480	-.5196	.5010	1.0444
.0400	-.3590	.5484	.9672	.0500	.2243	.7205	.7000	.5000	-.1480	-.5945	.4789	1.0816
.0600	-.4530	.5206	1.0120	.1000	.0997	.6838	.7568	.5000	-.5427	-.7457	.4343	1.1597
.0800	-.6747	.4552	1.1225	.1500	.0324	.6639	.7874	.5000	-.7401	-1.0041	.3580	1.3058
.1000	-.8005	.4181	1.1892	.2000	-.0329	.6446	.8170					
.1400	-.8678	.3982	1.2264	.2500	-.0984	.6253	.8467					
.1799	-.9275	.3806	1.2605	.3500	-.2732	.5737	.9270					
.2201	-.9616	.3706	1.2804	.4500	-.4724	.5149	1.0214					
.2600	-.9756	.3664	1.2887	.5500	-.4087	.5337	.9908					
.3000	-.9820	.3645	1.2926	.6500	-.1868	.5992	.8871					
.3400	-.9854	.3635	1.2946	.7500	-.0523	.6389	.8258					
.3801	-.9958	.3604	1.3008	.8000	-.0090	.6517	.8061					
.4199	-1.0082	.3568	1.3083	.8500	.0189	.6599	.7935					
.4600	-.9835	.3641	1.2934	.9000	.0309	.6635	.7880					
.5000	-.5735	.4851	1.0711	.9500	-.0203	.6484	.8112					
.5400	-.4306	.5273	1.0013									
.5799	-.3919	.5387	.9828									
.6201	-.3566	.5491	.9660									
.6600	-.3264	.5580	.9518									
.7000	-.3034	.5648	.9411									
.7500	-.2676	.5754	.9244									
.8000	-.2437	.5824	.9134									
.8500	-.2266	.5875	.9054									
.9237	-.2096	.5925	.8976									
.9749	-.1968	.5963	.8917									

PT 2.5341 ATM
 TT 219.6773 K
 RC 4.0115 MILLION
 MACH .8006
 ALPHA 3.0230 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .4665
 CM -.0423
 CC .0209

CD2 .05281
 CD3 .05480
 CD4 .06156
 CD5 .06025
 CD6 .05082

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1661	.9988	.0419	0.0000	1.1661	.9988	.0419	.5000	.7401	-1.0280	.3531	1.3160
.0040	.5298	.8115	.5540	.0040	.6341	.8422	.5010	.5000	.5427	-.6060	.4772	1.0845
.0150	.0324	.6651	.7855	.0080	.4444	.7864	.5956	.5000	.3454	-.5058	.5067	1.0349
.0250	-.1239	.6191	.8563	.0262	.3365	.7546	.6466	.5000	.1480	-.4627	.5194	1.0140
.0400	-.4223	.5313	.9947	.0500	.2685	.7346	.6781	.5000	-.1480	-.4927	.5106	1.0286
.0600	-.5055	.5068	1.0347	.1000	.1358	.6956	.7387	.5000	-.5427	-.5595	.4909	1.0613
.0800	-.7139	.4455	1.1396	.1500	.0635	.6743	.7714	.5000	-.7401	-.9063	.3889	1.2444
.1000	-.8372	.4092	1.2057	.2000	-.0045	.6543	.8022					
.1400	-.8993	.3909	1.2404	.2500	-.0728	.6341	.8331					
.1799	-.9757	.3684	1.2847	.3500	-.2490	.5823	.9135					
.2201	-1.0092	.3586	1.3046	.4500	-.4452	.5246	1.0056					
.2600	-1.0209	.3551	1.3117	.5500	-.4010	.5376	.9845					
.3000	-1.0261	.3536	1.3149	.6500	-.1894	.5998	.8861					
.3400	-1.0364	.3506	1.3212	.7500	-.0573	.6387	.8260					
.3801	-1.0401	.3495	1.3235	.8000	-.0157	.6510	.8072					
.4199	-1.0364	.3506	1.3212	.8500	.0093	.6583	.7960					
.4600	-.7256	.4420	1.1458	.9000	.0196	.6614	.7913					
.5000	-.4889	.5117	1.0267	.9500	-.0353	.6452	.8161					
.5400	-.4310	.5287	.9988									
.5799	-.4018	.5373	.9850									
.6201	-.3717	.5462	.9707									
.6600	-.3454	.5539	.9583									
.7000	-.3247	.5600	.9487									
.7500	-.2888	.5706	.9319									
.8000	-.2682	.5767	.9224									
.8500	-.2541	.5808	.9159									
.9237	-.2354	.5863	.9073									
.9749	-.2256	.5892	.9027									

PT 3.8938 ATM
 TT 219.4373 K
 RC 6.0270 MILLION
 MACH .7672
 ALPHA -.9979 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .1784
 CM -.0583
 CC .0103

CD2 .01074
 CD3 .01066
 CD4 .01079
 CD5 .01102
 CD6 .01042

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0933	.9828	.1574
.0040	.9415	.9404	.2970
.0150	.4627	.8069	.5614
.0250	.2440	.7459	.6601
.0400	-.0272	.6762	.7773
.0600	-.1929	.6240	.8484
.0800	-.4387	.5555	.9556
.1000	-.4522	.5517	.9617
.1400	-.5244	.5316	.9940
.1799	-.5626	.5209	1.0114
.2201	-.5554	.5229	1.0081
.2600	-.5399	.5273	1.0010
.3000	-.5230	.5320	.9934
.3400	-.5263	.5310	.9949
.3801	-.5333	.5291	.9981
.4199	-.5505	.5243	1.0059
.4600	-.5646	.5204	1.0123
.5000	-.5855	.5145	1.0218
.5400	-.6054	.5090	1.0310
.5799	-.6249	.5036	1.0400
.6201	-.6307	.5019	1.0427
.6600	-.5694	.5190	1.0145
.7000	-.4722	.5461	.9706
.7500	-.3365	.5840	.9106
.8000	-.1936	.6238	.8487
.8500	-.0493	.6641	.7868
.9237	.0945	.7042	.7250
.9749	.1542	.7208	.6993

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.0933	.9828	.1574
.0040	-.2853	.5983	.8883
.0080	-.4709	.5465	.9700
.0262	-.2580	.6059	.8765
.0500	-.1435	.6378	.8272
.1000	-.1917	.6244	.8479
.1500	-.2202	.6164	.8602
.2000	-.2513	.6077	.8736
.2500	-.2870	.5978	.8891
.3500	-.4200	.5607	.9474
.4500	-.5288	.5303	.9960
.5500	-.3732	.5732	.9276
.6500	-.1463	.6370	.8284
.7500	.0121	.6812	.7605
.8000	.0710	.6976	.7352
.8500	.1191	.7111	.7144
.9000	.1581	.7219	.6976
.9500	.1677	.7246	.6934

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.5387	.5276
.5000	.5427	-.5624	.5210
.5000	.3454	-.5728	.5181
.5000	.1480	-.5785	.5165
.5000	-.1480	-.5889	.5136
.5000	-.5427	-.5687	.5192
.5000	-.7401	-.5420	.5267

PT 3.8910 ATM
 TT 219.4794 K
 RC 6.0199 MILLION
 MACH .7669
 ALPHA .0092 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .3102
 CM -.0559
 CC .0093

CD2 .01158
 CD3 .01151
 CD4 .01165
 CD5 .01171
 CD6 .01095

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1417	.9959	.0765
.0040	.8103	.9030	.3838
.0150	.3069	.7620	.6346
.0250	.1022	.7046	.7244
.0400	-.1811	.6252	.8466
.0600	-.3210	.5860	.9074
.0800	-.6256	.5007	1.0448
.1000	-.6222	.5016	1.0432
.1400	-.6751	.4868	1.0680
.1799	-.7517	.4653	1.1047
.2201	-.7808	.4572	1.1189
.2600	-.7790	.4577	1.1180
.3000	-.7539	.4647	1.1058
.3400	-.6860	.4838	1.0732
.3801	-.5989	.5082	1.0323
.4199	-.5738	.5152	1.0207
.4600	-.5877	.5113	1.0272
.5000	-.6243	.5010	1.0441
.5400	-.6559	.4922	1.0589
.5799	-.6756	.4867	1.0683
.6201	-.6700	.4882	1.0656
.6600	-.5812	.5131	1.0242
.7000	-.4575	.5478	.9679
.7500	-.3176	.5870	.9059
.8000	-.1785	.6260	.8454
.8500	-.0423	.6641	.7867
.9237	.0837	.6994	.7324
.9749	.1354	.7139	.7100

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1417	.9959	.0765
.0040	-.0776	.6977	.7351
.0080	-.0950	.6494	.8094
.0262	-.0246	.6691	.7791
.0500	-.0077	.6738	.7718
.1000	-.0696	.6565	.7985
.1500	-.1196	.6425	.8200
.2000	-.1630	.6303	.8387
.2500	-.2084	.6176	.8583
.3500	-.3476	.5786	.9191
.4500	-.4642	.5459	.9709
.5500	-.3491	.5782	.9198
.6500	-.1337	.6385	.8261
.7500	.0191	.6813	.7603
.8000	.0752	.6970	.7361
.8500	.1193	.7094	.7170
.9000	.1555	.7196	.7012
.9500	.1587	.7204	.6999

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.6001	.5078
.5000	.5427	-.6220	.5017
.5000	.3454	-.6268	.5003
.5000	.1480	-.6234	.5013
.5000	-.1480	-.6308	.4992
.5000	-.5427	-.6306	.4993
.5000	-.7401	-.6065	.5060

PT 3.8910 ATM
 TT 219.6354 K
 RC 6.0133 MILLION
 MACH .7667
 ALPHA 1.0255 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .4905
 CM -.0617
 CC .0059

CD2 .01450
 CD3 .01433
 CD4 .01426
 CD5 .01407
 CD6 .01230

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1513	.9985	.0464	0.0000	1.1513	.9985	.0464	.5000	-.7401	-.6204	.5012	1.0438
.0040	.6486	.8574	.4732	.0040	.3981	.7871	.5941	.5000	.5427	-.7452	.4662	1.1032
.0150	.1405	.7148	.7087	.0080	.2067	.7334	.6797	.5000	.3454	-.9437	.4105	1.2032
.0250	-.0449	.6627	.7889	.0262	.1778	.7253	.6924	.5000	.1480	-.9903	.3974	1.2279
.0400	-.3301	.5827	.9126	.0500	.1433	.7156	.7074	.5000	-.1480	-1.0044	.3935	1.2354
.0600	-.4237	.5564	.9541	.1000	.0507	.6896	.7476	.5000	-.5427	-.7249	.4719	1.0934
.0800	-.7298	.4705	1.0958	.1500	-.0148	.6712	.7759	.5000	-.7401	-.6049	.5056	1.0366
.1000	-.8431	.4387	1.1516	.2000	-.0689	.6560	.7992					
.1400	-.8708	.4309	1.1656	.2500	-.1214	.6413	.8218					
.1799	-.9296	.4144	1.1958	.3500	-.2648	.6010	.8840					
.2201	-.9398	.4116	1.2011	.4500	-.3836	.5677	.9363					
.2600	-.9416	.4111	1.2021	.5500	-.3025	.5905	.9005					
.3000	-.9466	.4097	1.2047	.6500	-.1064	.6455	.8154					
.3400	-.9549	.4073	1.2091	.7500	.0371	.6858	.7535					
.3801	-.9564	.4069	1.2099	.8000	.0901	.7006	.7305					
.4199	-.9700	.4031	1.2170	.8500	.1320	.7124	.7124					
.4600	-.9784	.4007	1.2215	.9000	.1663	.7220	.6974					
.5000	-.9965	.3957	1.2312	.9500	.1656	.7218	.6977					
.5400	-.9296	.4144	1.1958									
.5799	-.6252	.4999	1.0461									
.6201	-.4875	.5385	.9828									
.6600	-.4392	.5521	.9610									
.7000	-.3913	.5655	.9397									
.7500	-.2859	.5951	.8933									
.8000	-.1653	.6289	.8408									
.8500	-.0408	.6639	.7871									
.9237	.0810	.6981	.7345									
.9749	.1372	.7139	.7101									

PT 3.8907 ATM
 TT 219.6908 K
 RC 6.0046 MILLION
 MACH .7653
 ALPHA 1.5359 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .5652
 CM -.0677
 CC .0062

CD2 .02006
 CD3 .01965
 CD4 .01934
 CD5 .01871
 CD6 .01540

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1517	.9985	.0458	0.0000	1.1517	.9985	.0458	.5000	.7401	-.9055	.4208	1.1841
.0040	.5671	.8344	.5144	.0040	.5171	.8203	.5387	.5000	.5427	-1.0154	.3899	1.2423
.0150	.0600	.6919	.7440	.0080	.3251	.7664	.6276	.5000	.3454	-1.0882	.3695	1.2825
.0250	-.1129	.6434	.8186	.0262	.2564	.7471	.6582	.5000	.1480	-1.0781	.3723	1.2769
.0400	-.4003	.5627	.9442	.0500	.2036	.7323	.6815	.5000	-.1480	-1.0788	.3721	1.2772
.0600	-.4661	.5442	.9737	.1000	.1005	.7033	.7264	.5000	-.5427	-1.0402	.3829	1.2558
.0800	-.7714	.4584	1.1167	.1500	.0284	.6831	.7576	.5000	-.7401	-.8942	.4240	1.1783
.1000	-.8837	.4269	1.1729	.2000	-.0293	.6668	.7825					
.1400	-.9411	.4108	1.2027	.2500	-.0854	.6511	.8067					
.1799	-.9965	.3952	1.2321	.3500	-.2303	.6104	.8695					
.2201	-1.0207	.3884	1.2452	.4500	-.3527	.5760	.9231					
.2600	-1.0202	.3886	1.2449	.5500	-.2860	.5948	.8938					
.3000	-1.0147	.3901	1.2419	.6500	-.0988	.6473	.8125					
.3400	-1.0234	.3877	1.2467	.7500	.0406	.6865	.7524					
.3801	-1.0242	.3874	1.2470	.8000	.0911	.7007	.7305					
.4199	-1.0367	.3839	1.2539	.8500	.1293	.7114	.7139					
.4600	-1.0473	.3810	1.2597	.9000	.1602	.7201	.7005					
.5000	-1.0717	.3741	1.2733	.9500	.1523	.7178	.7039					
.5400	-1.0990	.3664	1.2886									
.5799	-.8434	.4382	1.1525									
.6201	-.5361	.5245	1.0055									
.6600	-.4284	.5548	.9568									
.7000	-.3534	.5758	.9235									
.7500	-.2488	.6052	.8775									
.8000	-.1488	.6333	.8341									
.8500	-.0519	.6605	.7923									
.9237	.0500	.6891	.7483									
.9749	.1037	.7042	.7251									

PT 3.8909 ATM
TT 219.5907 K
RC 6.0162 MILLION
MACH .7670
ALPHA 2.0283 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .5946
CM -.0653
CC .0073

CD2 .02934
CD3 .02883
CD4 .02713
CD5 .02580
CD6 .02096

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1521	.9988	.0410
.0040	.4947	.8146	.5484
.0150	-.0091	.6735	.7724
.0250	-.1722	.6278	.8426
.0400	-.4646	.5458	.9710
.0600	-.5082	.5336	.9907
.0800	-.8041	.4507	1.1302
.1000	-.9250	.4169	1.1914
.1400	-.9835	.4005	1.2221
.1799	-1.0412	.3843	1.2532
.2201	-1.0708	.3760	1.2695
.2600	-1.0804	.3733	1.2748
.3000	-1.0784	.3739	1.2737
.3400	-1.0766	.3744	1.2727
.3801	-1.0814	.3730	1.2754
.4199	-1.0899	.3707	1.2801
.4600	-1.1017	.3674	1.2868
.5000	-1.1041	.3667	1.2881
.5400	-.9363	.4137	1.1972
.5799	-.6263	.5005	1.0450
.6201	-.4932	.5378	.9839
.6600	-.4138	.5601	.9483
.7000	-.3477	.5786	.9191
.7500	-.2490	.6063	.8759
.8000	-.1668	.6293	.8403
.8500	-.0945	.6495	.8091
.9237	-.0196	.6705	.7769
.9749	.0268	.6835	.7569

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1521	.9988	.0410
.0040	.6074	.8462	.4935
.0080	.4148	.7923	.5856
.0262	.3168	.7648	.6301
.0500	.2515	.7465	.6591
.1000	.1345	.7137	.7103
.1500	.0624	.6935	.7415
.2000	-.0001	.6760	.7685
.2500	-.0584	.6597	.7936
.3500	-.2084	.6176	.8583
.4500	-.3353	.5821	.9136
.5500	-.2801	.5975	.8895
.6500	-.1014	.6476	.8121
.7500	.0299	.6844	.7556
.8000	.0767	.6975	.7354
.8500	.1125	.7076	.7199
.9000	.1370	.7144	.7093
.9500	.1132	.7077	.7196

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.9840	.4003
.5000	.5427	-1.0764	.3744
.5000	.3454	-1.1480	.3544
.5000	.1480	-1.1280	.3600
.5000	-.1480	-1.1165	.3632
.5000	-.5427	-1.1177	.3629
.5000	-.7401	-1.0063	.3941

PT 3.8909 ATM
TT 219.5911 K
RC 6.0112 MILLION
MACH .7659
ALPHA 2.5293 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .6183
CM -.0619
CC .0076

CD2 .03934
CD3 .03780
CD4 .03544
CD5 .03302
CD6 .02821

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1542	.9997	.0218
.0040	.4146	.7932	.5842
.0150	-.0857	.6535	.8031
.0250	-.2356	.6116	.8676
.0400	-.5356	.5278	1.0001
.0600	-.5585	.5214	1.0105
.0800	-.8421	.4423	1.1453
.1000	-.9607	.4091	1.2057
.1400	-1.0224	.3919	1.2385
.1799	-1.0930	.3722	1.2771
.2201	-1.1236	.3636	1.2943
.2600	-1.1300	.3618	1.2979
.3000	-1.1286	.3623	1.2971
.3400	-1.1356	.3603	1.3011
.3801	-1.1299	.3619	1.2979
.4199	-1.1447	.3577	1.3063
.4600	-1.1232	.3638	1.2940
.5000	-.9195	.4206	1.1844
.5400	-.6683	.4908	1.0613
.5799	-.5410	.5263	1.0026
.6201	-.4661	.5472	.9688
.6600	-.4006	.5655	.9397
.7000	-.3408	.5822	.9134
.7500	-.2572	.6056	.8770
.8000	-.1888	.6247	.8474
.8500	-.1421	.6377	.8273
.9237	-.0669	.6587	.7950
.9749	-.0331	.6681	.7805

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1542	.9997	.0218
.0040	.6952	.8715	.4469
.0080	.4989	.8167	.5449
.0262	.3737	.7817	.6028
.0500	.2967	.7602	.6374
.1000	.1703	.7249	.6929
.1500	.0959	.7042	.7251
.2000	.0315	.6862	.7528
.2500	-.0303	.6689	.7794
.3500	-.1811	.6268	.8441
.4500	-.3113	.5905	.9005
.5500	-.2700	.6020	.8826
.6500	-.1005	.6493	.8095
.7500	.0264	.6847	.7550
.8000	.0700	.6969	.7363
.8500	.0994	.7051	.7236
.9000	.1196	.7108	.7149
.9500	.0859	.7014	.7294

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.9555	.4106
.5000	.5427	-1.0897	.3731
.5000	.3454	-1.1219	.3641
.5000	.1480	-.9698	.4066
.5000	-.1480	-.9688	.4069
.5000	-.5427	-1.1138	.3664
.5000	-.7401	-.9972	.3989

PT 3.8908 ATM
 TT 219.6090 K
 RC 6.0124 MILLION
 MACH .7664
 ALPHA 3.0145 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6152
 CM -.0558
 CC .0092

CD2 .04764
 CD3 .04587
 CD4 .04470
 CD5 .04167
 CD6 .03575

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1516	.9988	.0412	0.0000	1.1516	.9988	.0412	.5000	.7401	-.8774	.4314	1.1648
.0040	.3579	.7769	.6107	.0040	.7484	.8861	.4186	.5000	.5427	-.8999	.4251	1.1762
.0150	-.1388	.6379	.8270	.0080	.5474	.8298	.5223	.5000	.3454	-.7859	.4570	1.1193
.0250	-.2801	.5984	.8881	.0262	.4105	.7916	.5868	.5000	.1480	-.6817	.4861	1.0692
.0400	-.5847	.5133	1.0239	.0500	.3267	.7681	.6248	.5000	-.1480	-.7100	.4782	1.0826
.0600	-.6249	.5020	1.0426	.1000	.1915	.7303	.6845	.5000	-.5427	-.8605	.4361	1.1563
.0800	-.8620	.4357	1.1570	.1500	.1139	.7086	.7182	.5000	-.7401	-.9097	.4224	1.1812
.1000	-.9705	.4053	1.2128	.2000	.0466	.6898	.7473					
.1400	-1.0475	.3838	1.2541	.2500	-.0183	.6716	.7752					
.1799	-1.1224	.3629	1.2958	.3500	-.1743	.6280	.8422					
.2201	-1.1568	.3533	1.3156	.4500	-.3134	.5891	.9026					
.2600	-1.1691	.3498	1.3227	.5500	-.2825	.5978	.8891					
.3000	-1.1659	.3507	1.3209	.6500	-.1172	.6440	.8177					
.3400	-1.1702	.3495	1.3234	.7500	.0059	.6784	.7648					
.3801	-1.1639	.3513	1.3197	.8000	.0467	.6898	.7472					
.4199	-1.1408	.3577	1.3064	.8500	.0712	.6967	.7366					
.4600	-.9328	.4159	1.1931	.9000	.0872	.7011	.7298					
.5000	-.6855	.4851	1.0710	.9500	.0429	.6888	.7489					
.5400	-.5588	.5205	1.0121									
.5799	-.5037	.5359	.9871									
.6201	-.4450	.5523	.9607									
.6600	-.3896	.5678	.9361									
.7000	-.3424	.5810	.9153									
.7500	-.2724	.6006	.8847									
.8000	-.2216	.6148	.8627									
.8500	-.1829	.6256	.8460									
.9237	-.1311	.6401	.8236									
.9749	-.1048	.6475	.8123									

PT 3.8908 ATM
 TT 219.6383 K
 RC 6.0115 MILLION
 MACH .7664
 ALPHA 3.5293 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6192
 CM -.0511
 CC .0100

CD2 .05444
 CD3 .05692
 CD4 .05603
 CD5 .05031
 CD6 .04347

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1497	.9984	.0481	0.0000	1.1497	.9984	.0481	.5000	.7401	-.7474	.4684	1.0994
.0040	.2883	.7577	.6413	.0040	.8054	.9022	.3856	.5000	.5427	-.7150	.4775	1.0838
.0150	-.2046	.6201	.8545	.0080	.6099	.8476	.4910	.5000	.3454	-.6575	.4935	1.0567
.0250	-.3349	.5837	.9111	.0262	.4559	.8046	.5653	.5000	.1480	-.6003	.5095	1.0301
.0400	-.6462	.4967	1.0514	.0500	.3644	.7790	.6073	.5000	-.1480	-.5952	.5109	1.0277
.0600	-.7618	.4644	1.1063	.1000	.2186	.7383	.6720	.5000	-.5427	-.6936	.4835	1.0736
.0800	-.8666	.4351	1.1580	.1500	.1393	.7161	.7066	.5000	-.7401	-.7318	.4728	1.0919
.1000	-.9957	.3991	1.2247	.2000	.0670	.6959	.7378					
.1400	-1.0850	.3741	1.2732	.2500	.0005	.6774	.7664					
.1799	-1.1542	.3548	1.3124	.3500	-.1618	.6320	.8361					
.2201	-1.1867	.3457	1.3313	.4500	-.3073	.5914	.8991					
.2600	-1.2075	.3399	1.3436	.5500	-.2854	.5975	.8895					
.3000	-1.2042	.3408	1.3416	.6500	-.1263	.6419	.8208					
.3400	-1.2048	.3407	1.3420	.7500	-.0094	.6746	.7706					
.3801	-1.1517	.3555	1.3109	.8000	.0285	.6852	.7544					
.4199	-.9133	.4221	1.1817	.8500	.0525	.6919	.7440					
.4600	-.6963	.4827	1.0750	.9000	.0642	.6952	.7390					
.5000	-.5908	.5122	1.0257	.9500	.0105	.6802	.7621					
.5400	-.5341	.5280	.9998									
.5799	-.4900	.5404	.9799									
.6201	-.4418	.5538	.9583									
.6600	-.3932	.5674	.9368									
.7000	-.3519	.5789	.9186									
.7500	-.2933	.5953	.8930									
.8000	-.2503	.6073	.8743									
.8500	-.2180	.6163	.8603									
.9237	-.1814	.6266	.8445									
.9749	-.1589	.6328	.8349									

PT 3.8907 ATM
TT 219.6346 K
RC 6.0076 MILLION
MACH .7655
ALPHA 4.0228 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .6291
CM -.0485
CC .0104

CD2 .06081
CD3 .06610
CD4 .06495
CD5 .05867
CD6 .05199

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1411	.9961	.0746	0.0000	1.1411	.9961	.0746	.5000	.7401	-.6512	.4962	1.0523
.0040	.2189	.7389	.6711	.0040	.8562	.9166	.3542	.5000	.5427	-.6554	.4950	1.0543
.0150	-.2690	.6028	.8813	.0080	.6621	.8625	.4638	.5000	.3454	-.6239	.5038	1.0396
.0250	-.3868	.5699	.9328	.0262	.4939	.8156	.5468	.5000	.1480	-.5874	.5139	1.0228
.0400	-.7018	.4820	1.0761	.0500	.3934	.7875	.5934	.5000	-.1480	-.5714	.5184	1.0155
.0600	-.8380	.4441	1.1420	.1000	.2419	.7453	.6610	.5000	-.5427	-.6455	.4977	1.0496
.0800	-.9340	.4173	1.1906	.1500	.1601	.7224	.6968	.5000	-.7401	-.6586	.4941	1.0558
.1000	-1.0220	.3927	1.2368	.2000	.0852	.7016	.7291					
.1400	-1.1318	.3621	1.2974	.2500	.0159	.6822	.7589					
.1799	-1.1975	.3438	1.3354	.3500	-.1496	.6361	.8299					
.2201	-1.2225	.3368	1.3503	.4500	-.3007	.5939	.8951					
.2600	-1.2375	.3326	1.3593	.5500	-.2886	.5973	.8898					
.3000	-1.2360	.3330	1.3584	.6500	-.1350	.6402	.8236					
.3400	-1.2117	.3398	1.3438	.7500	-.0212	.6719	.7748					
.3801	-.9833	.4035	1.2163	.8000	.0147	.6819	.7594					
.4199	-.7517	.4681	1.0999	.8500	.0362	.6879	.7502					
.4600	-.6326	.5014	1.0436	.9000	.0458	.6906	.7461					
.5000	-.5789	.5163	1.0189	.9500	-.0128	.6742	.7712					
.5400	-.5366	.5281	.9996									
.5799	-.4909	.5409	.9790									
.6201	-.4451	.5536	.9586									
.6600	-.3999	.5663	.9385									
.7000	-.3632	.5765	.9224									
.7500	-.3117	.5908	.8999									
.8000	-.2760	.6008	.8844									
.8500	-.2487	.6084	.8725									
.9237	-.2167	.6173	.8587									
.9749	-.1969	.6229	.8502									

PT 3.8910 ATM
TT 219.7017 K
RC 6.0140 MILLION
MACH .7675
ALPHA 4.5212 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .6329
CM -.0454
CC .0109

CD2 .06180
CD3 .06798
CD4 .07102
CD5 .06945
CD6 .06469

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1310	.9931	.0996	0.0000	1.1310	.9931	.0996	.5000	.7401	-.6165	.5043	1.0387
.0040	.1646	.7228	.6963	.0040	.8925	.9263	.3318	.5000	.5427	-.6179	.5039	1.0394
.0150	-.3179	.5878	.9046	.0080	.7023	.8732	.4437	.5000	.3454	-.5932	.5108	1.0280
.0250	-.4235	.5583	.9512	.0262	.5250	.8236	.5331	.5000	.1480	-.5755	.5158	1.0198
.0400	-.7387	.4701	1.0964	.0500	.4218	.7947	.5816	.5000	-.1480	-.5711	.5170	1.0178
.0600	-.8851	.4292	1.1688	.1000	.2617	.7499	.6537	.5000	-.5427	-.6177	.5040	1.0393
.0800	-.9792	.4029	1.2175	.1500	.1776	.7264	.6906	.5000	-.7401	-.6339	.4994	1.0468
.1000	-1.0671	.3783	1.2650	.2000	.0998	.7046	.7244					
.1400	-1.1502	.3550	1.3119	.2500	.0285	.6847	.7551					
.1799	-1.2305	.3326	1.3594	.3500	-.1419	.6370	.8283					
.2201	-1.2514	.3267	1.3722	.4500	-.3000	.5928	.8968					
.2600	-1.2621	.3237	1.3787	.5500	-.2956	.5941	.8949					
.3000	-1.2390	.3302	1.3645	.6500	-.1458	.6359	.8300					
.3400	-1.1366	.3588	1.3041	.7500	-.0345	.6671	.7822					
.3801	-.8422	.4412	1.1472	.8000	.0003	.6768	.7672					
.4199	-.6870	.4846	1.0718	.8500	.0204	.6824	.7586					
.4600	-.6136	.5051	1.0374	.9000	.0289	.6848	.7549					
.5000	-.5726	.5166	1.0185	.9500	-.0319	.6678	.7811					
.5400	-.5328	.5277	1.0003									
.5799	-.4929	.5389	.9822									
.6201	-.4487	.5512	.9624									
.6600	-.4047	.5635	.9428									
.7000	-.3700	.5732	.9275									
.7500	-.3286	.5848	.9093									
.8000	-.2946	.5943	.8944									
.8500	-.2654	.6025	.8818									
.9237	-.2443	.6084	.8726									
.9749	-.2229	.6144	.8633									

PT 4.9537 ATM
 TT 180.8282 K
 RC 10.0347 MILLION
 MACH .7695
 ALPHA -1.0488 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .2228
 CM -.0626
 CC .0109

CD2 .01006
 CD3 .01006
 CD4 .01017
 CD5 .01041
 CD6 .00975

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1083	.9865	.1391	0.0000	1.1083	.9865	.1391	.5000	.7401	-.5735	.5151	1.0212
.0040	.9167	.9328	.3162	.0040	-.1913	.6222	.8514	.5000	.5427	-.5989	.5080	1.0329
.0150	.4313	.7967	.5783	.0080	-.3910	.5663	.9388	.5000	.3454	-.6102	.5048	1.0382
.0250	.2122	.7353	.6768	.0262	-.1616	.6306	.8385	.5000	.1480	-.6182	.5026	1.0419
.0400	-.0570	.6599	.7934	.0500	-.1050	.6464	.8141	.5000	-.1480	-.6263	.5003	1.0457
.0600	-.2070	.6178	.8582	.1000	-.1688	.6285	.8416	.5000	-.5427	-.6096	.5050	1.0379
.0800	-.5009	.5354	.9880	.1500	-.1991	.6200	.8548	.5000	-.7401	-.5778	.5139	1.0232
.1000	-.4953	.5370	.9855	.2000	-.2326	.6107	.8693					
.1400	-.5659	.5172	1.0177	.2500	-.2726	.5994	.8867					
.1799	-.6297	.4994	1.0473	.3500	-.4095	.5611	.9470					
.2201	-.6142	.5037	1.0401	.4500	-.5269	.5282	.9998					
.2600	-.5884	.5109	1.0281	.5500	-.3725	.5714	.9306					
.3000	-.5609	.5186	1.0154	.6500	-.1413	.6362	.8298					
.3400	-.5569	.5197	1.0136	.7500	.0199	.6814	.7603					
.3801	-.5667	.5170	1.0181	.8000	.0796	.6982	.7345					
.4199	-.5834	.5123	1.0258	.8500	.1279	.7117	.7136					
.4600	-.5974	.5064	1.0323	.9000	.1687	.7231	.6958					
.5000	-.6219	.5015	1.0437	.9500	.1779	.7257	.6918					
.5400	-.6459	.4948	1.0549									
.5799	-.6713	.4877	1.0669									
.6201	-.6886	.4828	1.0751									
.6600	-.6326	.4985	1.0487									
.7000	-.4914	.5381	.9837									
.7500	-.3463	.5788	.9191									
.8000	-.2062	.6180	.8579									
.8500	-.0565	.6600	.7932									
.9237	.0993	.7037	.7260									
.9749	.1689	.7232	.6957									

PT 4.9559 ATM
 TT 180.7730 K
 RC 10.0303 MILLION
 MACH .7677
 ALPHA .0102 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .3053
 CM -.0617
 CC .0101

CD2 .01050
 CD3 .01040
 CD4 .01051
 CD5 .01077
 CD6 .01000

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1350	.9944	.0898	0.0000	1.1350	.9944	.0898	.5000	.7401	-.6139	.5064	1.0356
.0040	.8290	.9090	.3711	.0040	.0138	.6815	.7602	.5000	.5427	-.6379	.4997	1.0468
.0150	.3304	.7698	.6221	.0080	-.1495	.6359	.8302	.5000	.3454	-.6467	.4972	1.0509
.0250	.1184	.7107	.7151	.0262	-.0492	.6639	.7872	.5000	.1480	-.6495	.4964	1.0522
.0400	-.1567	.6339	.8333	.0500	-.0233	.6712	.7761	.5000	-.1480	-.6556	.4947	1.0550
.0600	-.2879	.5973	.8900	.1000	-.0940	.6514	.8064	.5000	-.5427	-.6439	.4980	1.0496
.0800	-.6270	.5027	1.0417	.1500	-.1366	.6395	.8247	.5000	-.7401	-.6119	.5069	1.0347
.1000	-.5950	.5116	1.0270	.2000	-.1786	.6278	.8428					
.1400	-.6592	.4937	1.0567	.2500	-.2219	.6157	.8614					
.1799	-.7380	.4717	1.0941	.3500	-.3603	.5771	.9216					
.2201	-.7622	.4650	1.1057	.4500	-.4745	.5452	.9723					
.2600	-.7541	.4672	1.1018	.5500	-.3526	.5793	.9183					
.3000	-.7128	.4788	1.0820	.6500	-.1323	.6407	.8228					
.3400	-.6276	.5025	1.0420	.7500	.0238	.6843	.7559					
.3801	-.5725	.5179	1.0166	.8000	.0815	.7004	.7311					
.4199	-.5899	.5130	1.0246	.8500	.1277	.7133	.7111					
.4600	-.6176	.5053	1.0374	.9000	.1665	.7241	.6943					
.5000	-.6503	.4962	1.0526	.9500	.1726	.7258	.6916					
.5400	-.6789	.4882	1.0660									
.5799	-.7004	.4822	1.0761									
.6201	-.7046	.4811	1.0781									
.6600	-.6266	.5028	1.0415									
.7000	-.4888	.5412	.9787									
.7500	-.3446	.5815	.9148									
.8000	-.2046	.6206	.8540									
.8500	-.0583	.6614	.7911									
.9237	.0936	.7038	.7258									
.9749	.1595	.7222	.6973									

PT 4.9556 ATM
TT 180.7978 K
RC 10.0255 MILLION
MACH .7674
ALPHA 1.0281 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .4811
CM -.0645
CC .0061

CD2 .01369
CD3 .01350
CD4 .01315
CD5 .01251
CD6 .01112

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1489	.9981	.0515
.0040	.6631	.8624	.4640
.0150	.1546	.7203	.7001
.0250	-.0367	.6669	.7826
.0400	-.3131	.5897	.9020
.0600	-.3910	.5679	.9362
.0800	-.7380	.4710	1.0954
.1000	-.8483	.4401	1.1494
.1400	-.8609	.4366	1.1557
.1799	-.9143	.4217	1.1828
.2201	-.9248	.4188	1.1882
.2600	-.9225	.4194	1.1871
.3000	-.9262	.4184	1.1890
.3400	-.9386	.4149	1.1954
.3801	-.9362	.4156	1.1941
.4199	-.9508	.4115	1.2017
.4600	-.9565	.4099	1.2047
.5000	-.9677	.4068	1.2106
.5400	-.8759	.4324	1.1633
.5799	-.6124	.5060	1.0362
.6201	-.5030	.5366	.9861
.6600	-.4764	.5440	.9742
.7000	-.4316	.5566	.9542
.7500	-.3214	.5873	.9056
.8000	-.1926	.6233	.8497
.8500	-.0545	.6619	.7903
.9237	.0939	.7034	.7264
.9749	.1614	.7222	.6972

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1489	.9981	.0515
.0040	.3507	.7751	.6136
.0080	.1684	.7242	.6942
.0262	.1566	.7209	.6993
.0500	.1272	.7127	.7120
.1000	.0312	.6858	.7535
.1500	-.0287	.6691	.7792
.2000	-.0816	.6543	.8019
.2500	-.1328	.6401	.8239
.3500	-.2745	.6005	.8851
.4500	-.3907	.5680	.9360
.5500	-.3053	.5918	.8986
.6500	-.1052	.6477	.8121
.7500	.0417	.6888	.7489
.8000	.0945	.7035	.7262
.8500	.1396	.7161	.7067
.9000	.1764	.7264	.6907
.9500	.1788	.7271	.6896

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.6236	.5029
.5000	.5427	-.7096	.4789
.5000	.3454	-.8810	.4310
.5000	.1480	-.9583	.4094
.5000	-.1480	-.9724	.4055
.5000	-.5427	-.6574	.4935
.5000	-.7401	-.6124	.5060

PT 4.9558 ATM
TT 180.8470 K
RC 10.0207 MILLION
MACH .7672
ALPHA 1.5121 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .5756
CM -.0734
CC .0059

CD2 .01946
CD3 .01915
CD4 .01870
CD5 .01752
CD6 .01413

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1484	.9979	.0541
.0040	.5759	.8379	.5083
.0150	.0686	.6961	.7377
.0250	-.1085	.6465	.8139
.0400	-.3856	.5691	.9343
.0600	-.4323	.5560	.9551
.0800	-.7867	.4569	1.1198
.1000	-.8979	.4258	1.1753
.1400	-.9450	.4127	1.1995
.1799	-.9957	.3985	1.2263
.2201	-1.0174	.3924	1.2379
.2600	-1.0143	.3933	1.2362
.3000	-1.0064	.3955	1.2320
.3400	-1.0202	.3916	1.2394
.3801	-1.0193	.3919	1.2389
.4199	-1.0312	.3885	1.2453
.4600	-1.0419	.3856	1.2511
.5000	-1.0660	.3788	1.2643
.5400	-1.0963	.3704	1.2812
.5799	-1.0472	.3841	1.2540
.6201	-.5989	.5094	1.0306
.6600	-.4524	.5504	.9640
.7000	-.3760	.5717	.9301
.7500	-.2725	.6007	.8848
.8000	-.1650	.6307	.8382
.8500	-.0520	.6623	.7896
.9237	.0822	.6999	.7319
.9749	.1475	.7181	.7036

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1484	.9979	.0541
.0040	.4914	.8143	.5490
.0080	.3003	.7608	.6365
.0262	.2444	.7452	.6612
.0500	.1942	.7312	.6833
.1000	.0878	.7014	.7295
.1500	.0206	.6826	.7584
.2000	-.0362	.6668	.7828
.2500	-.0914	.6513	.8066
.3500	-.2340	.6114	.8681
.4500	-.3526	.5783	.9198
.5500	-.2834	.5976	.8895
.6500	-.0933	.6508	.8074
.7500	.0493	.6906	.7461
.8000	.1015	.7052	.7235
.8500	.1421	.7166	.7060
.9000	.1771	.7264	.6907
.9500	.1756	.7260	.6914

SPANWISE			
X/C	Y/(B/2)	CP	P,L/PT
.5000	.7401	-.8831	.4300
.5000	.5427	-1.0065	.3955
.5000	.3454	-1.0908	.3719
.5000	.1480	-1.0742	.3765
.5000	-.1480	-1.0727	.3770
.5000	-.5427	-1.0269	.3898
.5000	-.7401	-.8850	.4294

PT 4.9559 ATM
TT 180.8501 K
RC 10.0312 MILLION
MACH .7686
ALPHA 2.0060 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .5995
CM -.0718
CC .0079

CD2 .03098
CD3 .02985
CD4 .02708
CD5 .02456
CD6 .01872

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1510	.9984	.0479	0.0000	1.1510	.9984	.0479	.5000	.7401	-1.0455	.3820	1.2581
.0040	.5223	.8219	.5359	.0040	.5710	.8356	.5123	.5000	.5427	-1.0691	.3754	1.2712
.0150	.0187	.6806	.7615	.0080	.3769	.7812	.6038	.5000	.3454	-1.1357	.3567	1.3090
.0250	-.1508	.6331	.8346	.0262	.2964	.7586	.6401	.5000	.1480	-1.1179	.3617	1.2987
.0400	-.4275	.5554	.9560	.0500	.2363	.7417	.6668	.5000	-.1480	-1.1110	.3636	1.2948
.0600	-.4498	.5492	.9660	.1000	.1222	.7097	.7167	.5000	-.5427	-1.0993	.3669	1.2882
.0800	-.8011	.4506	1.1309	.1500	.0503	.6895	.7479	.5000	-.7401	-1.0410	.3832	1.2557
.1000	-.9291	.4146	1.1959	.2000	-.0101	.6726	.7739					
.1400	-.9690	.4035	1.2168	.2500	-.0683	.6562	.7990					
.1799	-1.0253	.3877	1.2471	.3500	-.2157	.6149	.8628					
.2201	-1.0521	.3801	1.2618	.4500	-.3421	.5794	.9181					
.2600	-1.0599	.3779	1.2661	.5500	-.2835	.5958	.8924					
.3000	-1.0584	.3784	1.2653	.6500	-.0983	.6478	.8120					
.3400	-1.0569	.3782	1.2655	.7500	.0395	.6865	.7525					
.3801	-1.0624	.3772	1.2675	.8000	.0883	.7002	.7314					
.4199	-1.0696	.3752	1.2714	.8500	.1234	.7100	.7162					
.4600	-1.0816	.3719	1.2782	.9000	.1516	.7179	.7039					
.5000	-1.1067	.3648	1.2924	.9500	.1319	.7124	.7125					
.5400	-1.1110	.3636	1.2948									
.5799	-.8255	.4437	1.1430									
.6201	-.5556	.5195	1.0140									
.6600	-.4420	.5514	.9625									
.7000	-.3621	.5738	.9269									
.7500	-.2561	.6035	.8804									
.8000	-.1644	.6293	.8405									
.8500	-.0851	.6515	.8063									
.9237	.0098	.6781	.7653									
.9749	.0589	.6919	.7441									

PT 4.9555 ATM
TT 180.8018 K
RC 10.0243 MILLION
MACH .7673
ALPHA 2.5152 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .6129
CM -.0658
CC .0091

CD2 .03814
CD3 .03611
CD4 .03219
CD5 .03009
CD6 .02501

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1524	.9990	.0373	0.0000	1.1524	.9990	.0373	.5000	.7401	-1.0942	.3707	1.2805
.0040	.4498	.8025	.5687	.0040	.6509	.8588	.4707	.5000	.5427	-1.1333	.3598	1.3027
.0150	-.0486	.6631	.7884	.0080	.4574	.8046	.5652	.5000	.3454	-1.1814	.3463	1.3306
.0250	-.2084	.6184	.8572	.0262	.3506	.7748	.6141	.5000	.1480	-1.1162	.3645	1.2929
.0400	-.4892	.5399	.9809	.0500	.2799	.7550	.6457	.5000	-.1480	-1.0913	.3715	1.2789
.0600	-.4812	.5421	.9773	.1000	.1570	.7206	.6997	.5000	-.5427	-1.1907	.3437	1.3360
.0800	-.8354	.4431	1.1442	.1500	.0802	.6992	.7329	.5000	-.7401	-1.0888	.3722	1.2775
.1000	-.9697	.4055	1.2129	.2000	.0153	.6810	.7609					
.1400	-1.0064	.3952	1.2324	.2500	-.0448	.6642	.7868					
.1799	-1.0786	.3750	1.2718	.3500	-.1976	.6215	.8526					
.2201	-1.1062	.3674	1.2872	.4500	-.3296	.5845	.9100					
.2600	-1.1095	.3664	1.2891	.5500	-.2822	.5978	.8893					
.3000	-1.1089	.3666	1.2888	.6500	-.1058	.6471	.8130					
.3400	-1.1160	.3646	1.2928	.7500	.0239	.6834	.7572					
.3801	-1.1113	.3659	1.2901	.8000	.0687	.6959	.7379					
.4199	-1.1275	.3614	1.2994	.8500	.1006	.7049	.7241					
.4600	-1.1260	.3612	1.2996	.9000	.1220	.7108	.7149					
.5000	-1.0562	.3813	1.2594	.9500	.0862	.7008	.7304					
.5400	-.7848	.4572	1.1192									
.5799	-.5813	.5141	1.0228									
.6201	-.4809	.5422	.9771									
.6600	-.4129	.5613	.9467									
.7000	-.3516	.5784	.9196									
.7500	-.2662	.6023	.8823									
.8000	-.1943	.6224	.8512									
.8500	-.1388	.6379	.8272									
.9237	-.0672	.6579	.7964									
.9749	-.0291	.6686	.7800									

PT 4.9549 ATM
 TT 180.8101 K
 RC 10.0189 MILLION
 MACH .7668
 ALPHA 3.0039 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6048
 CM -.0580
 CC .0112

CD2 .04602
 CD3 .04275
 CD4 .03945
 CD5 .03742
 CD6 .03296

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1522	.9986	.0442
.0040	.3973	.7865	.5951
.0150	-.0966	.6477	.8121
.0250	-.2467	.6056	.8772
.0400	-.5306	.5258	1.0037
.0600	-.4916	.5368	.9859
.0800	-.8443	.4376	1.1539
.1000	-.9808	.3993	1.2247
.1400	-1.0354	.3840	1.2543
.1799	-1.1027	.3650	1.2919
.2201	-1.1361	.3557	1.3111
.2600	-1.1449	.3532	1.3162
.3000	-1.1426	.3538	1.3148
.3400	-1.1448	.3532	1.3162
.3801	-1.1432	.3537	1.3152
.4199	-1.1528	.3510	1.3208
.4600	-1.0667	.3752	1.2716
.5000	-.7619	.4608	1.1130
.5400	-.5711	.5144	1.0223
.5799	-.5049	.5330	.9920
.6201	-.4435	.5503	.9642
.6600	-.3882	.5656	.9395
.7000	-.3428	.5786	.9194
.7500	-.2795	.5963	.8916
.8000	-.2249	.6117	.8677
.8500	-.1818	.6238	.8490
.9237	-.1362	.6366	.8292
.9749	-.1041	.6456	.8153

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1522	.9986	.0442
.0040	.7072	.8736	.4429
.0080	.5163	.8200	.5393
.0262	.3917	.7849	.5977
.0500	.3154	.7635	.6322
.1000	.1830	.7263	.6909
.1500	.1023	.7036	.7260
.2000	.0329	.6841	.7561
.2500	-.0298	.6665	.7832
.3500	-.1901	.6215	.8526
.4500	-.3322	.5815	.9147
.5500	-.2942	.5922	.8980
.6500	-.1224	.6405	.8232
.7500	-.0005	.6747	.7706
.8000	.0439	.6872	.7514
.8500	.0710	.6948	.7396
.9000	.0875	.6994	.7325
.9500	.0405	.6862	.7529

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-1.0851	.3700	1.2819
.5000	.5427	-1.0700	.3742	1.2735
.5000	.3454	-.9071	.4200	1.1860
.5000	.1480	-.7487	.4645	1.1065
.5000	-.1480	-.8482	.4365	1.1559
.5000	-.5427	-1.1438	.3535	1.3156
.5000	-.7401	-1.1003	.3657	1.2905

PT 4.9559 ATM
 TT 180.8102 K
 RC 10.0309 MILLION
 MACH .7682
 ALPHA 3.5233 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6144
 CM -.0534
 CC .0115

CD2 .05107
 CD3 .05122
 CD4 .05042
 CD5 .04732
 CD6 .04159

UPPER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1515	.9984	.0478
.0040	.3259	.7663	.6278
.0150	-.1648	.6283	.8420
.0250	-.3005	.5902	.9012
.0400	-.5905	.5087	1.0318
.0600	-.6260	.4987	1.0484
.0800	-.8509	.4354	1.1578
.1000	-.9933	.3954	1.2321
.1400	-1.0688	.3742	1.2736
.1799	-1.1340	.3558	1.3107
.2201	-1.1688	.3461	1.3310
.2600	-1.1808	.3427	1.3382
.3000	-1.1798	.3430	1.3376
.3400	-1.1833	.3420	1.3397
.3801	-1.1696	.3458	1.3316
.4199	-1.0851	.3696	1.2827
.4600	-.8202	.4441	1.1424
.5000	-.6258	.4987	1.0483
.5400	-.5366	.5238	1.0070
.5799	-.4902	.5368	.9858
.6201	-.4389	.5513	.9626
.6600	-.3884	.5655	.9401
.7000	-.3476	.5769	.9219
.7500	-.2921	.5925	.8975
.8000	-.2485	.6048	.8784
.8500	-.2087	.6160	.8611
.9237	-.1740	.6257	.8460
.9749	-.1457	.6337	.8337

LOWER SURFACE			
X/C	CP	P,L/PT	MLOC
0.0000	1.1515	.9984	.0478
.0040	.7741	.8923	.4061
.0080	.5830	.8386	.5071
.0262	.4365	.7974	.5772
.0500	.3536	.7741	.6153
.1000	.2151	.7351	.6771
.1500	.1290	.7109	.7148
.2000	.0572	.6907	.7459
.2500	-.0092	.6721	.7747
.3500	-.1722	.6263	.8452
.4500	-.3216	.5842	.9105
.5500	-.2964	.5913	.8994
.6500	-.1303	.6380	.8270
.7500	-.0080	.6724	.7742
.8000	.0314	.6835	.7571
.8500	.0539	.6898	.7474
.9000	.0682	.6938	.7412
.9500	.0154	.6790	.7640

SPANWISE				
X/C	Y/(B/2)	CP	P,L/PT	MLOC
.5000	.7401	-.8920	.4239	1.1788
.5000	.5427	-.7532	.4629	1.1093
.5000	.3454	-.6544	.4907	1.0618
.5000	.1480	-.6097	.5032	1.0408
.5000	-.1480	-.6412	.4944	1.0556
.5000	-.5427	-.7883	.4530	1.1265
.5000	-.7401	-.8976	.4223	1.1817

PT 4.9548 ATM
 TT 180.7910 K
 RC 10.0269 MILLION
 MACH .7677
 ALPHA 4.0222 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6365
 CM -.0516
 CC .0107

CD2 .05570
 CD3 .06200
 CD4 .06268
 CD5 .05662
 CD6 .04915

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1443	.9968	.0676	0.0000	1.1443	.9968	.0676	.5000	.7401	-.6737	.4886	1.0654
.0040	.2425	.7447	.6621	.0040	.8369	.9109	.3670	.5000	.5427	-.6563	.4934	1.0572
.0150	-.2437	.6088	.8722	.0080	.6434	.8568	.4744	.5000	.3454	-.6233	.5026	1.0418
.0250	-.3652	.5748	.9253	.0262	.4787	.8107	.5550	.5000	.1480	-.6011	.5089	1.0315
.0400	-.6640	.4913	1.0608	.0500	.3838	.7842	.5989	.5000	-.1480	-.5855	.5132	1.0243
.0600	-.8159	.4488	1.1340	.1000	.2437	.7450	.6615	.5000	-.5427	-.6773	.4876	1.0671
.0800	-.8944	.4269	1.1734	.1500	.1533	.7198	.7010	.5000	-.7401	-.7172	.4764	1.0861
.1000	-1.0191	.3920	1.2387	.2000	.0797	.6992	.7329					
.1400	-1.1182	.3643	1.2934	.2500	.0105	.6798	.7627					
.1799	-1.1768	.3479	1.3271	.3500	-.1537	.6339	.8333					
.2201	-1.2113	.3383	1.3476	.4500	-.3056	.5915	.8991					
.2600	-1.2232	.3349	1.3548	.5500	-.2926	.5951	.8935					
.3000	-1.2267	.3340	1.3569	.6500	-.1336	.6395	.8247					
.3400	-1.2269	.3339	1.3570	.7500	-.0149	.6727	.7737					
.3801	-1.1533	.3545	1.3135	.8000	.0222	.6831	.7577					
.4199	-.8853	.4294	1.1687	.8500	.0422	.6887	.7491					
.4600	-.6793	.4870	1.0680	.9000	.0544	.6921	.7438					
.5000	-.5964	.5102	1.0293	.9500	-.0031	.6760	.7686					
.5400	-.5420	.5254	1.0044									
.5799	-.4960	.5382	.9835									
.6201	-.4485	.5515	.9622									
.6600	-.4013	.5647	.9412									
.7000	-.3611	.5759	.9235									
.7500	-.3083	.5907	.9003									
.8000	-.2707	.6012	.8839									
.8500	-.2448	.6085	.8727									
.9237	-.2034	.6201	.8547									
.9749	-.1827	.6258	.8458									

PT 4.9543 ATM
 TT 180.7994 K
 RC 10.0165 MILLION
 MACH .7665
 ALPHA 4.5212 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6286
 CM -.0472
 CC .0126

CD2 .05785
 CD3 .06485
 CD4 .06856
 CD5 .06673
 CD6 .06052

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P _L /PT	MLOC	X/C	CP	P _L /PT	MLOC	X/C	Y/(B/2)	CP	P _L /PT	MLOC
0.0000	1.1382	.9945	.0885	0.0000	1.1382	.9945	.0885	.5000	.7401	-.6102	.5022	1.0426
.0040	.2043	.7315	.6827	.0040	.8694	.9188	.3492	.5000	.5427	-.6037	.5040	1.0396
.0150	-.2759	.5963	.8916	.0080	.6805	.8656	.4579	.5000	.3454	-.5760	.5118	1.0267
.0250	-.3873	.5649	.9409	.0262	.5063	.8166	.5451	.5000	.1480	-.5682	.5140	1.0230
.0400	-.6853	.4810	1.0782	.0500	.4103	.7895	.5901	.5000	-.1480	-.5634	.5154	1.0208
.0600	-.8489	.4350	1.1587	.1000	.2623	.7479	.6570	.5000	-.5427	-.6119	.5017	1.0434
.0800	-.9461	.4076	1.2091	.1500	.1688	.7215	.6983	.5000	-.7401	-.6413	.4934	1.0572
.1000	-1.0246	.3855	1.2513	.2000	.0911	.6996	.7322					
.1400	-1.1238	.3575	1.3072	.2500	.0201	.6797	.7630					
.1799	-1.1954	.3374	1.3495	.3500	-.1520	.6312	.8375					
.2201	-1.2221	.3298	1.3658	.4500	-.3144	.5854	.9086					
.2600	-1.2342	.3265	1.3732	.5500	-.3085	.5871	.9060					
.3000	-1.2351	.3262	1.3738	.6500	-.1514	.6314	.8373					
.3400	-1.2147	.3319	1.3612	.7500	-.0361	.6638	.7873					
.3801	-1.0124	.3889	1.2446	.8000	-.0004	.6739	.7719					
.4199	-.7529	.4620	1.1109	.8500	.0198	.6796	.7631					
.4600	-.6263	.4976	1.0502	.9000	.0293	.6823	.7590					
.5000	-.5715	.5131	1.0246	.9500	-.0325	.6648	.7858					
.5400	-.5275	.5255	1.0043									
.5799	-.4892	.5362	.9868									
.6201	-.4456	.5485	.9670									
.6600	-.4042	.5602	.9485									
.7000	-.3722	.5692	.9342									
.7500	-.3300	.5811	.9154									
.8000	-.2967	.5904	.9008									
.8500	-.2618	.6003	.8854									
.9237	-.2456	.6048	.8783									
.9749	-.2212	.6117	.8677									

PT 3.5044 ATM
TT 108.1279 K
RC 15.0417 MILLION
MACH .7713
ALPHA -.9776 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .2081
CM -.0671
CC .0113

CD2 .00947
CD3 .00938
CD4 .00958
CD5 .00985
CD6 .00921

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0919	.9818	.1627	0.0000	1.0919	.9818	.1627	.5000	.7401	-.5693	.5181	1.0193
.0040	.9443	.9406	.2979	.0040	-.2750	.6002	.8885	.5000	.5427	-.5959	.5106	1.0315
.0150	.4664	.8072	.5633	.0080	-.4727	.5450	.9756	.5000	.3454	-.6095	.5069	1.0378
.0250	.2361	.7429	.6675	.0262	-.1965	.6221	.8545	.5000	.1480	-.6171	.5047	1.0413
.0400	-.0194	.6716	.7783	.0500	-.1414	.6375	.8307	.5000	-.1480	-.6267	.5020	1.0458
.0600	-.1730	.6287	.8443	.1000	-.1911	.6236	.8521	.5000	-.5427	-.6128	.5059	1.0393
.0800	-.4653	.5471	.9723	.1500	-.2181	.6161	.8638	.5000	-.7401	-.5846	.5138	1.0264
.1000	-.4557	.5498	.9680	.2000	-.2480	.6078	.8767					
.1400	-.5312	.5287	1.0020	.2500	-.2865	.5970	.8935					
.1799	-.5925	.5116	1.0300	.3500	-.4211	.5594	.9526					
.2201	-.5849	.5137	1.0265	.4500	-.5345	.5278	1.0035					
.2600	-.5594	.5208	1.0148	.5500	-.3721	.5731	.9309					
.3000	-.5432	.5253	1.0074	.6500	-.1372	.6387	.8289					
.3400	-.5483	.5239	1.0098	.7500	.0239	.6837	.7596					
.3801	-.5518	.5230	1.0113	.8000	.0851	.7007	.7333					
.4199	-.5741	.5167	1.0215	.8500	.1367	.7151	.7110					
.4600	-.5864	.5133	1.0272	.9000	.1766	.7263	.6936					
.5000	-.6206	.5038	1.0429	.9500	.1886	.7296	.6884					
.5400	-.6499	.4956	1.0566									
.5799	-.6740	.4888	1.0679									
.6201	-.6924	.4837	1.0766									
.6600	-.6711	.4897	1.0665									
.7000	-.5090	.5349	.9919									
.7500	-.3553	.5778	.9236									
.8000	-.2179	.6162	.8637									
.8500	-.0612	.6599	.7962									
.9237	.1040	.7060	.7251									
.9749	.1727	.7252	.6953									

PT 4.0680 ATM
TT 119.9614 K
RC 14.9490 MILLION
MACH .7704
ALPHA .0305 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .3215
CM -.0652
CC .0104

CD2 .01018
CD3 .01006
CD4 .01022
CD5 .01033
CD6 .00965

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1370	.9946	.0878	0.0000	1.1370	.9946	.0878	.5000	.7401	-.6081	.5083	1.0347
.0040	.8327	.9098	.3704	.0040	.0272	.6854	.7563	.5000	.5427	-.6358	.5006	1.0475
.0150	.3311	.7700	.6236	.0080	-.1410	.6385	.8285	.5000	.3454	-.6427	.4987	1.0507
.0250	.1123	.7091	.7197	.0262	-.0235	.6712	.7781	.5000	.1480	-.6389	.4997	1.0490
.0400	-.1533	.6351	.8338	.0500	-.0119	.6745	.7731	.5000	-.1480	-.6457	.4978	1.0521
.0600	-.2811	.5995	.8889	.1000	-.0858	.6539	.8048	.5000	-.5427	-.6516	.4962	1.0549
.0800	-.6315	.5018	1.0455	.1500	-.1291	.6418	.8234	.5000	-.7401	-.6295	.5024	1.0446
.1000	-.5885	.5138	1.0257	.2000	-.1701	.6304	.8410					
.1400	-.6545	.4954	1.0562	.2500	-.2148	.6179	.8603					
.1799	-.7374	.4723	1.0954	.3500	-.3522	.5796	.9200					
.2201	-.7673	.4640	1.1098	.4500	-.4639	.5485	.9693					
.2600	-.7563	.4670	1.1044	.5500	-.3432	.5821	.9160					
.3000	-.7441	.4704	1.0986	.6500	-.1226	.6436	.8206					
.3400	-.7050	.4813	1.0799	.7500	.0318	.6867	.7543					
.3801	-.6078	.5084	1.0345	.8000	.0900	.7029	.7293					
.4199	-.5749	.5176	1.0194	.8500	.1389	.7165	.7082					
.4600	-.5860	.5145	1.0245	.9000	.1769	.7271	.6917					
.5000	-.6357	.5006	1.0475	.9500	.1841	.7291	.6885					
.5400	-.6827	.4875	1.0694									
.5799	-.7187	.4775	1.0864									
.6201	-.7359	.4727	1.0947									
.6600	-.6677	.4917	1.0624									
.7000	-.4974	.5392	.9843									
.7500	-.3478	.5809	.9180									
.8000	-.2091	.6195	.8578									
.8500	-.0611	.6607	.7942									
.9237	.1026	.7064	.7239									
.9749	.1739	.7262	.6930									

PT 3.5097 ATM
 TT 108.1536 K
 RC 15.0273 MILLION
 MACH .7685
 ALPHA 1.0387 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .4838
 CM -.0689
 CC .C070

CD2 .01240
 CD3 .01212
 CD4 .01198
 CD5 .01141
 CD6 .01021

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1503	.9981	.0524	0.0000	1.1503	.9981	.0524	.5000	.7401	-.6468	.4965	1.0551
.0040	.6795	.8667	.4580	.0040	.3338	.7702	.6241	.5000	.5427	-.7642	.4637	1.1109
.0150	.1765	.7263	.6936	.0080	.1567	.7207	.7022	.5000	.3454	-.9409	.4144	1.1992
.0250	-.0237	.6704	.7801	.0262	.1519	.7194	.7043	.5000	.1480	-.9660	.4074	1.2123
.0400	-.2922	.5954	.8959	.0500	.1296	.7132	.7140	.5000	-.1480	-.9798	.4035	1.2195
.0600	-.3702	.5737	.9301	.1000	.0304	.6855	.7568	.5000	-.5427	-.7788	.4596	1.1179
.0800	-.7328	.4724	1.0958	.1500	-.0290	.6689	.7824	.5000	-.7401	-.6445	.4971	1.0540
.1000	-.8109	.4506	1.1337	.2000	-.0787	.6550	.8037					
.1400	-.8300	.4453	1.1431	.2500	-.1317	.6402	.8265					
.1799	-.8914	.4282	1.1739	.3500	-.2706	.6015	.8865					
.2201	-.9081	.4235	1.1823	.4500	-.3850	.5695	.9366					
.2600	-.8897	.4286	1.1730	.5500	-.3007	.5931	.8996					
.3000	-.9020	.4252	1.1793	.6500	-.0982	.6496	.8121					
.3400	-.9290	.4177	1.1931	.7500	.0494	.6908	.7487					
.3801	-.9121	.4224	1.1844	.8000	.1049	.7063	.7247					
.4199	-.9378	.4152	1.1976	.8500	.1494	.7187	.7054					
.4600	-.9300	.4174	1.1936	.9000	.1853	.7287	.6898					
.5000	-.9710	.4059	1.2149	.9500	.1903	.7301	.6876					
.5400	-.9766	.4044	1.2178									
.5799	-.7821	.4587	1.1196									
.6201	-.5195	.5320	.9966									
.6600	-.4554	.5499	.9678									
.7000	-.4140	.5614	.9494									
.7500	-.3130	.5896	.9050									
.8000	-.1918	.6235	.8524									
.8500	-.0516	.6626	.7921									
.9237	.1045	.7062	.7249									
.9749	.1691	.7242	.6968									

PT 3.5189 ATM
 TT 108.2189 K
 RC 15.0661 MILLION
 MACH .7696
 ALPHA 1.5079 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .5594
 CM -.0761
 CC .0073

CD2 .01789
 CD3 .01748
 CD4 .01701
 CD5 .01542
 CD6 .01291

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLQC	X/C	CP	P,L/PT	MLQC	X/C	Y/(B/2)	CP	P,L/PT	MLQC
0.0000	1.1482	.9974	.0608	0.0000	1.1482	.9974	.0608	.5000	.7401	-.9053	.4238	1.1819
.0040	.6113	.6475	.4934	.0040	.4440	.8007	.5741	.5000	.5427	-1.0023	.3967	1.2325
.0150	.1085	.7070	.7236	.0080	.2618	.7498	.6566	.5000	.3454	-1.0726	.3771	1.2705
.0250	-.0558	.6611	.7944	.0262	.2208	.7384	.6746	.5000	.1480	-1.0554	.3818	1.2611
.0400	-.3515	.5785	.9225	.0500	.1852	.7284	.6902	.5000	-.1480	-1.0544	.3821	1.2606
.0600	-.4043	.5638	.9458	.1000	.0744	.6975	.7384	.5000	-.5427	-1.0068	.3954	1.2348
.0800	-.7846	.4575	1.1216	.1500	.0097	.6794	.7663	.5000	-.7401	-.9509	.4110	1.2054
.1000	-.8533	.4383	1.1556	.2000	-.0447	.6542	.7896					
.1400	-.9033	.4243	1.1808	.2500	-.0998	.6488	.8133					
.1799	-.9700	.4057	1.2154	.3500	-.2420	.6091	.8747					
.2201	-.9866	.4011	1.2241	.4500	-.3588	.5765	.9257					
.2600	-.9564	.4095	1.2082	.5500	-.2857	.5969	.8937					
.3000	-.9607	.4083	1.2105	.6500	-.0914	.6511	.8097					
.3400	-.9990	.3976	1.2307	.7500	.0509	.6909	.7485					
.3801	-.9806	.4028	1.2209	.8000	.1045	.7059	.7253					
.4199	-1.0061	.3956	1.2345	.8500	.1483	.7181	.7063					
.4600	-1.0013	.3970	1.2319	.9000	.1817	.7275	.6918					
.5000	-1.0460	.3845	1.2560	.9500	.1819	.7275	.6917					
.5400	-1.0827	.3742	1.2761									
.5799	-1.0877	.3728	1.2789									
.6201	-.7204	.4754	1.0907									
.6600	-.4724	.5447	.9761									
.7000	-.3775	.5712	.9339									
.7500	-.2706	.6011	.8871									
.8000	-.1630	.6311	.8406									
.8500	-.0458	.6639	.7901									
.9237	.0899	.7018	.7317									
.9749	.1523	.7192	.7046									

PT 3.5186 ATM
TT 108.1423 K
RC 15.0247 MILLION
MACH .7647
ALPHA 2.0079 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .6267
CM -.0774
CC .0065

CD2 .02366
CD3 .02351
CD4 .02253
CD5 .02171
CD6 .01705

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1480	.9979	.0547	0.0000	1.1480	.9979	.0547	.5000	.7401	-1.0008	.4018	1.2227
.0040	.5115	.8213	.5393	.0040	.5733	.8385	.5094	.5000	.5427	-1.0786	.3802	1.2643
.0150	.0093	.6820	.7622	.0080	.3886	.7873	.5963	.5000	.3454	-1.1546	.3591	1.3065
.0250	-.1375	.6413	.8249	.0262	.3021	.7632	.6352	.5000	.1480	-1.1352	.3645	1.2955
.0400	-.4403	.5573	.9560	.0500	.2505	.7489	.6580	.5000	-.1480	-1.1261	.3670	1.2905
.0600	-.4542	.5534	.9622	.1000	.1298	.7155	.7105	.5000	-.5427	-1.1076	.3722	1.2802
.0800	-.8397	.4465	1.1410	.1500	.0582	.6956	.7413	.5000	-.7401	-1.0461	.3892	1.2467
.1000	-.9235	.4233	1.1828	.2000	-.0009	.6792	.7666					
.1400	-.9700	.4103	1.2067	.2500	-.0596	.6629	.7916					
.1799	-1.0437	.3899	1.2455	.3500	-.2033	.6230	.8531					
.2201	-1.0709	.3824	1.2601	.4500	-.3215	.5903	.9040					
.2600	-1.0496	.3883	1.2486	.5500	-.2646	.6061	.8794					
.3000	-1.0578	.3860	1.2530	.6500	-.0825	.6566	.8014					
.3400	-1.0733	.3817	1.2614	.7500	.0530	.6941	.7435					
.3801	-1.0583	.3859	1.2533	.8000	.1036	.7082	.7218					
.4199	-1.0749	.3813	1.2623	.8500	.1438	.7193	.7044					
.4600	-1.0702	.3826	1.2597	.9000	.1733	.7275	.6917					
.5000	-1.1214	.3683	1.2879	.9500	.1643	.7250	.6956					
.5400	-1.1541	.3593	1.3062									
.5799	-1.0770	.3807	1.2634									
.6201	-.6365	.5029	1.0444									
.6600	-.4698	.5491	.9691									
.7000	-.3760	.5751	.9278									
.7500	-.2620	.6068	.8783									
.8000	-.1577	.6357	.8335									
.8500	-.0552	.6641	.7898									
.9237	.0617	.6966	.7397									
.9749	.1159	.7116	.7165									

PT 3.5185 ATM
TT 108.1756 K
RC 15.0519 MILLION
MACH .7677
ALPHA 2.4948 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .6119
CM -.0695
CC .0095

CD2 .03404
CD3 .03251
CD4 .02959
CD5 .02788
CD6 .02236

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1503	.9981	.0529	0.0000	1.1503	.9981	.0529	.5000	.7401	-1.0583	.3813	1.2622
.0040	.4751	.8095	.5594	.0040	.6246	.8512	.4866	.5000	.5427	-1.1198	.3641	1.2964
.0150	-.0220	.6707	.7796	.0080	.4381	.7992	.5767	.5000	.3454	-1.1787	.3477	1.3302
.0250	-.1609	.6319	.8394	.0262	.3338	.7701	.6243	.5000	.1480	-1.1494	.3559	1.3132
.0400	-.4655	.5468	.9727	.0500	.2765	.7541	.6498	.5000	-.1480	-1.1355	.3597	1.3053
.0600	-.4597	.5485	.9701	.1000	.1520	.7193	.7045	.5000	-.5427	-1.1737	.3491	1.3273
.0800	-.8442	.4411	1.1506	.1500	.0763	.6982	.7373	.5000	-.7401	-1.0716	.3776	1.2695
.1000	-.9292	.4174	1.1937	.2000	.0148	.6810	.7638					
.1400	-.9758	.4043	1.2179	.2500	-.0471	.6637	.7904					
.1799	-1.0640	.3797	1.2653	.3500	-.1962	.6220	.8546					
.2201	-1.0943	.3713	1.2820	.4500	-.3248	.5861	.9105					
.2600	-1.0688	.3784	1.2679	.5500	-.2779	.5992	.8900					
.3000	-1.0772	.3760	1.2725	.6500	-.0984	.6494	.8125					
.3400	-1.0979	.3703	1.2840	.7500	.0322	.6858	.7563					
.3801	-1.0706	.3779	1.2689	.8000	.0785	.6988	.7363					
.4199	-1.1019	.3691	1.2863	.8500	.1122	.7082	.7218					
.4600	-1.0874	.3732	1.2782	.9000	.1324	.7138	.7130					
.5000	-1.1213	.3637	1.2972	.9500	.1015	.7052	.7264					
.5400	-.9556	.4100	1.2074									
.5799	-.6549	.4940	1.0593									
.6201	-.4956	.5384	.9862									
.6600	-.4129	.5615	.9493									
.7000	-.3469	.5800	.9202									
.7500	-.2547	.6057	.8800									
.8000	-.1825	.6259	.8487									
.8500	-.1262	.6416	.8244									
.9237	-.0445	.6644	.7893									
.9749	-.0109	.6738	.7749									

PT 3.5186 ATM
 TT 108.2518 K
 RC 15.0428 MILLION
 MACH .7683
 ALPHA 3.0053 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6116
 CM -.0609
 CC .0112

CD2 .04749
 CD3 .04359
 CD4 .03753
 CD5 .03527
 CD6 .03100

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1496	.9978	.0562	0.0000	1.1496	.9978	.0562	.5000	.7401	-1.0712	.3772	1.2703
.0040	.4020	.7889	.5937	.0040	.7003	.8722	.4474	.5000	.5427	-1.1746	.3483	1.3289
.0150	-.0913	.6510	.8099	.0080	.5132	.8200	.5416	.5000	.3454	-1.1254	.3620	1.3006
.0250	-.2183	.6155	.8647	.0262	.3843	.7839	.6018	.5000	.1480	-.9005	.4249	1.1799
.0400	-.5264	.5294	1.0008	.0500	.3202	.7660	.6308	.5000	-.1480	-.9464	.4121	1.2035
.0600	-.4854	.5409	.9823	.1000	.1857	.7284	.6902	.5000	-.5427	-1.2247	.3343	1.3586
.0800	-.8706	.4332	1.1647	.1500	.1050	.7059	.7253	.5000	-.7401	-1.0999	.3691	1.2863
.1000	-.9592	.4085	1.2102	.2000	.0377	.6871	.7544					
.1400	-1.0181	.3920	1.2414	.2500	-.0266	.6691	.7821					
.1799	-1.1105	.3662	1.2922	.3500	-.1834	.6253	.8496					
.2201	-1.1413	.3576	1.3097	.4500	-.3207	.5869	.9093					
.2600	-1.1197	.3636	1.2974	.5500	-.2850	.5969	.8937					
.3000	-1.1259	.3619	1.3009	.6500	-.1132	.6449	.8194					
.3400	-1.1480	.3557	1.3135	.7500	.0096	.6792	.7665					
.3801	-1.1162	.3646	1.2954	.8000	.0521	.6911	.7482					
.4199	-1.1398	.3580	1.3088	.8500	.0819	.6994	.7353					
.4600	-1.0741	.3764	1.2719	.9000	.0957	.7033	.7294					
.5000	-.8418	.4413	1.1503	.9500	.0510	.6908	.7486					
.5400	-.6059	.5072	1.0372									
.5799	-.5076	.5347	.9923									
.6201	-.4432	.5527	.9634									
.6600	-.3900	.5675	.9397									
.7000	-.3417	.5810	.9185									
.7500	-.2793	.5985	.8912									
.8000	-.2242	.6139	.8673									
.8500	-.1793	.6264	.8478									
.9237	-.1278	.6408	.8256									
.9749	-.0909	.6511	.8097									

PT 3.5184 ATM
 TT 108.1926 K
 RC 15.0738 MILLION
 MACH .7700
 ALPHA 3.5233 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6265
 CM -.0578
 CC .0116

CD2 .05292
 CD3 .04639
 CD4 .04359
 CD5 .04202
 CD6 .03779

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1472	.9973	.0622	0.0000	1.1472	.9973	.0622	.5000	.7401	-.9080	.4243	1.1809
.0040	.3390	.7720	.6212	.0040	.7584	.8889	.4148	.5000	.5427	-.8882	.4298	1.1708
.0150	-.1532	.6347	.8350	.0080	.5744	.8376	.5110	.5000	.3454	-.7401	.4711	1.0980
.0250	-.2645	.6037	.8831	.0262	.4240	.7957	.5825	.5000	.1480	-.6445	.4978	1.0529
.0400	-.5845	.5145	1.0252	.0500	.3553	.7765	.6138	.5000	-.1480	-.7731	.4619	1.1139
.0600	-.5371	.5277	1.0036	.1000	.2145	.7373	.6764	.5000	-.5427	-1.0604	.3818	1.2612
.0800	-.8839	.4310	1.1687	.1500	.1305	.7138	.7130	.5000	-.7401	-.9796	.4043	1.2179
.1000	-.9820	.4037	1.2192	.2000	.0599	.6942	.7435					
.1400	-1.0562	.3830	1.2589	.2500	-.0062	.6757	.7719					
.1799	-1.1435	.3586	1.3075	.3500	-.1666	.6310	.8408					
.2201	-1.1792	.3487	1.3281	.4500	-.3083	.5915	.9021					
.2600	-1.1529	.3560	1.3129	.5500	-.2823	.5988	.8908					
.3000	-1.1627	.3533	1.3185	.6500	-.1178	.6446	.8198					
.3400	-1.1905	.3455	1.3347	.7500	.0008	.6777	.7689					
.3801	-1.1563	.3551	1.3149	.8000	.0416	.6891	.7513					
.4199	-1.1423	.3590	1.3068	.8500	.0672	.6962	.7403					
.4600	-.9505	.4124	1.2028	.9000	.0792	.6996	.7351					
.5000	-.6742	.4895	1.0668	.9500	.0303	.6859	.7562					
.5400	-.5378	.5275	1.0039									
.5799	-.5021	.5375	.9878									
.6201	-.4450	.5534	.9622									
.6600	-.3930	.5679	.9392									
.7000	-.3487	.5802	.9197									
.7500	-.2929	.5958	.8954									
.8000	-.2447	.6092	.8745									
.8500	-.2060	.6200	.8577									
.9237	-.1591	.6331	.8375									
.9749	-.1217	.6435	.8215									

PT 3.5185 ATM
 TT 108.1683 K
 RC 15.0765 MILLION
 MACH .7697
 ALPHA 4.0044 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6334
 CM -.0529
 CC .0121

CD2 .05943
 CD3 .06490
 CD4 .06298
 CD5 .05569
 CD6 .04942

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1442	.9965	.0706	0.0000	1.1442	.9965	.0706	.5000	.7401	-.7256	.4756	1.0903
.0040	.2590	.7499	.6564	.0040	.8296	.9089	.3729	.5000	.5427	-.7142	.4788	1.0849
.0150	-.2265	.6147	.8660	.0080	.6415	.8565	.4770	.5000	.3454	-.6639	.4928	1.0612
.0250	-.3215	.5882	.9072	.0262	.4728	.8095	.5594	.5000	.1480	-.6116	.5074	1.0369
.0400	-.6566	.4949	1.0578	.0500	.3917	.7869	.5969	.5000	-.1480	-.5716	.5185	1.0186
.0600	-.7752	.4618	1.1141	.1000	.2478	.7468	.6613	.5000	-.5427	-.6826	.4876	1.0700
.0800	-.8894	.4300	1.1705	.1500	.1580	.7218	.7006	.5000	-.7401	-.6969	.4836	1.0767
.1000	-.9949	.4006	1.2250	.2000	.0850	.7014	.7322					
.1400	-1.0926	.3734	1.2778	.2500	.0142	.6817	.7626					
.1799	-1.1775	.3497	1.3259	.3500	-.1495	.6361	.8329					
.2201	-1.2121	.3401	1.3462	.4500	-.2993	.5944	.8976					
.2600	-1.1873	.3470	1.3316	.5500	-.2881	.5975	.8927					
.3000	-1.2012	.3431	1.3397	.6500	-.1284	.6420	.8238					
.3400	-1.2322	.3345	1.3582	.7500	-.0138	.6739	.7746					
.3801	-1.1410	.3599	1.3049	.8000	.0199	.6833	.7602					
.4199	-.8972	.4278	1.1745	.8500	.0481	.6912	.7480					
.4600	-.6628	.4931	1.0607	.9000	.0552	.6932	.7450					
.5000	-.5831	.5153	1.0238	.9500	-.0013	.6774	.7693					
.5400	-.5345	.5289	1.0017									
.5799	-.4875	.5420	.9805									
.6201	-.4456	.5536	.9618									
.6600	-.4046	.5651	.9437									
.7000	-.3634	.5765	.9256									
.7500	-.3148	.5901	.9043									
.8000	-.2787	.6001	.8886									
.8500	-.2465	.6091	.8747									
.9237	-.2101	.6193	.8589									
.9749	-.1767	.6286	.8445									

PT 4.1099 ATM
 TT 119.9957 K
 RC 15.1086 MILLION
 MACH .7714
 ALPHA 4.5082 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6448
 CM -.0524
 CC .0120

CD2 .05693
 CD3 .06278
 CD4 .06582
 CD5 .06379
 CD6 .05843

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1406	.9955	.0800	0.0000	1.1406	.9955	.0800	.5000	.7401	-.6127	.5064	1.0379
.0040	.2214	.7391	.6729	.0040	.8515	.9149	.3592	.5000	.5427	-.6182	.5048	1.0405
.0150	-.2512	.6072	.8769	.0080	.6691	.8640	.4625	.5000	.3454	-.5932	.5118	1.0290
.0250	-.3511	.5794	.9204	.0262	.4970	.8160	.5478	.5000	.1480	-.5846	.5142	1.0250
.0400	-.6820	.4871	1.0703	.0500	.4101	.7917	.5883	.5000	-.1480	-.5815	.5151	1.0236
.0600	-.8178	.4492	1.1357	.1000	.2602	.7499	.6558	.5000	-.5427	-.6504	.4958	1.0555
.0800	-.9355	.4163	1.1950	.1500	.1681	.7242	.6961	.5000	-.7401	-.6749	.4890	1.0669
.1000	-1.0084	.3960	1.2332	.2000	.0916	.7029	.7293					
.1400	-1.1121	.3670	1.2900	.2500	.0210	.6832	.7597					
.1799	-1.1906	.3451	1.3350	.3500	-.1483	.6359	.8324					
.2201	-1.2216	.3365	1.3534	.4500	-.3033	.5927	.8995					
.2600	-1.2085	.3402	1.3456	.5500	-.2951	.5950	.8959					
.3000	-1.2199	.3370	1.3524	.6500	-.1376	.6389	.8279					
.3400	-1.2372	.3321	1.3628	.7500	-.0244	.6705	.7792					
.3801	-1.1295	.3622	1.2998	.8000	.0499	.6912	.7473					
.4199	-.8915	.4286	1.1725	.8500	.0359	.6873	.7533					
.4600	-.6804	.4875	1.0695	.9000	.0442	.6897	.7497					
.5000	-.5913	.5123	1.0281	.9500	-.0144	.6733	.7749					
.5400	-.5363	.5277	1.0030									
.5799	-.4956	.5391	.9845									
.6201	-.4507	.5516	.9645									
.6600	-.4077	.5636	.9454									
.7000	-.3697	.5742	.9286									
.7500	-.3212	.5877	.9073									
.8000	-.2854	.5977	.8917									
.8500	-.2576	.6055	.8796									
.9237	-.2197	.6160	.8632									
.9749	-.1939	.6232	.8521									

PT 5.7417 ATM
 TT 123.7960 K
 RC 20.1586 MILLION
 MACH .7727
 ALPHA -.9979 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .2343
 CM -.0689
 CC .0116

CD2 .00937
 CD3 .00929
 CD4 .00941
 CD5 .00969
 CD6 .00902

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.0989	.9837	.1534	0.0000	1.0989	.9837	.1534	.5000	.7401	-.5894	.5119	1.0293
.0040	.9206	.9339	.3144	.0040	-.2059	.6191	.8588	.5000	.5427	-.6162	.5044	1.0417
.0150	.4391	.7993	.5758	.0080	-.4046	.5635	.9458	.5000	.3454	-.6293	.5007	1.0478
.0250	.2336	.7419	.6685	.0262	-.1690	.6294	.8428	.5000	.1480	-.6355	.4990	1.0507
.0400	-.0470	.6635	.7903	.0500	-.1263	.6413	.8244	.5000	-.1480	-.6425	.4970	1.0539
.0600	-.1989	.6210	.8558	.1000	-.1737	.6281	.8448	.5000	-.5427	-.6347	.4992	1.0503
.0800	-.5045	.5356	.9905	.1500	-.2030	.6199	.8575	.5000	-.7401	-.6061	.5072	1.0370
.1000	-.4834	.5415	.9810	.2000	-.2345	.6111	.8712					
.1400	-.5574	.5208	1.0146	.2500	-.2754	.5996	.8890					
.1799	-.6328	.4997	1.0494	.3500	-.4094	.5622	.9479					
.2201	-.6257	.5017	1.0461	.4500	-.5236	.5303	.9992					
.2601	-.5852	.5131	1.0273	.5500	-.3693	.5734	.9301					
.3000	-.5648	.5188	1.0179	.6500	-.1350	.6389	.8282					
.3400	-.5628	.5193	1.0171	.7500	.0264	.6840	.7586					
.3801	-.5673	.5181	1.0191	.8000	.0872	.7010	.7323					
.4199	-.5931	.5109	1.0310	.8500	.1380	.7152	.7103					
.4600	-.6012	.5086	1.0347	.9000	.1787	.7266	.6926					
.5000	-.6366	.4987	1.0512	.9500	.1893	.7295	.6879					
.5400	-.6705	.4892	1.0671									
.5799	-.6967	.4819	1.0795									
.6201	-.7158	.4766	1.0886									
.6600	-.7003	.4809	1.0812									
.7000	-.5215	.5309	.9982									
.7500	-.3579	.5766	.9251									
.8000	-.2231	.6143	.8662									
.8500	-.0735	.6561	.8016									
.9237	.1047	.7059	.7248									
.9749	.1813	.7273	.6914									

PT 4.7443 ATM
 TT 109.1594 K
 RC 20.0760 MILLION
 MACH .7710
 ALPHA -.9677 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .2627
 CM -.0685
 CC .0116

CD2 .00943
 CD3 .00950
 CD4 .00969
 CD5 .00981
 CD6 .00924

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1136	.9876	.1343	0.0000	1.1136	.9876	.1343	.5000	.7401	-.6002	.5082	1.0364
.0040	.8991	.9276	.3306	.0040	-.1286	.6401	.8274	.5000	.5427	-.6312	.4996	1.0508
.0150	.4113	.7912	.5904	.0080	-.3317	.5833	.9157	.5000	.3454	-.6471	.4951	1.0583
.0250	.2111	.7352	.6803	.0262	-.1234	.6416	.8252	.5000	.1480	-.6536	.4933	1.0613
.0400	-.0703	.6564	.8023	.0500	-.0939	.6498	.8125	.5000	-.1480	-.6628	.4907	1.0657
.0600	-.2231	.6137	.8683	.1000	-.1542	.6330	.8385	.5000	-.5427	-.6560	.4926	1.0625
.0800	-.5447	.5238	1.0109	.1500	-.1856	.6242	.8520	.5000	-.7401	-.6298	.4999	1.0502
.1000	-.5195	.5308	.9994	.2000	-.2190	.6149	.8665					
.1400	-.5925	.5104	1.0329	.2500	-.2635	.6024	.8859					
.1799	-.6739	.4876	1.0709	.3500	-.4014	.5638	.9465					
.2201	-.6901	.4831	1.0786	.4500	-.5218	.5302	1.0005					
.2600	-.6643	.4903	1.0664	.5500	-.3687	.5730	.9320					
.3000	-.6285	.5003	1.0496	.6500	-.1353	.6383	.8303					
.3400	-.5735	.5157	1.0241	.7500	.0248	.6831	.7613					
.3801	-.5731	.5158	1.0239	.8000	.0853	.6999	.7351					
.4199	-.6033	.5074	1.0379	.8500	.1358	.7141	.7132					
.4600	-.6256	.5011	1.0482	.9000	.1753	.7251	.6960					
.5000	-.6552	.4929	1.0621	.9500	.1866	.7283	.6910					
.5400	-.6916	.4827	1.0793									
.5799	-.7257	.4731	1.0955									
.6201	-.7551	.4649	1.1097									
.6600	-.7274	.4727	1.0964									
.7000	-.5225	.5300	1.0008									
.7500	-.3524	.5775	.9248									
.8000	-.2168	.6155	.8656									
.8500	-.0657	.6577	.8003									
.9237	.1038	.7051	.7271									
.9749	.1810	.7267	.6935									

PT 4.6279 ATM
TT 107.2169 K
RC 20.1246 MILLION
MACH .7715
ALPHA .0317 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .3240
CM -.0680
CC .0109

CD2 .00975
CD3 .00978
CD4 .00979
CD5 .00993
CD6 .00922

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1339	.9935	.0972	0.0000	1.1339	.9935	.0972	.5000	.7401	-.6215	.5040	1.0436
.0040	.8381	.9110	.3687	.0040	.0084	.6796	.7667	.5000	.5427	-.6403	.4988	1.0524
.0150	.3430	.7729	.6203	.0080	-.1537	.6344	.8364	.5000	.3454	-.6339	.5005	1.0494
.0250	.1465	.7181	.7071	.0262	-.0384	.6666	.7868	.5000	.1480	-.6159	.5056	1.0411
.0400	-.1420	.6377	.8314	.0500	-.0210	.6714	.7794	.5000	-.1480	-.6230	.5036	1.0444
.0600	-.2739	.6009	.8884	.1000	-.0923	.6515	.8100	.5000	-.5427	-.6556	.4945	1.0595
.0800	-.6278	.5023	1.0466	.1500	-.1340	.6399	.8279	.5000	-.7401	-.6408	.4986	1.0526
.1000	-.5745	.5171	1.0220	.2000	-.1745	.6286	.8454					
.1400	-.6448	.4975	1.0545	.2500	-.2191	.6162	.8646					
.1799	-.7325	.4731	1.0959	.3500	-.3565	.5779	.9245					
.2201	-.7651	.4640	1.1116	.4500	-.4702	.5462	.9749					
.2600	-.7469	.4690	1.1028	.5500	-.3469	.5806	.9203					
.3000	-.7465	.4691	1.1026	.6500	-.1221	.6433	.8228					
.3400	-.7424	.4703	1.1006	.7500	.0356	.6872	.7550					
.3801	-.6716	.4900	1.0670	.8000	.0931	.7032	.7302					
.4199	-.6034	.5091	1.0353	.8500	.1420	.7169	.7090					
.4600	-.5696	.5185	1.0198	.9000	.1807	.7277	.6922					
.5000	-.6104	.5071	1.0385	.9500	.1882	.7298	.6889					
.5400	-.6690	.4908	1.0658									
.5799	-.7175	.4772	1.0887									
.6201	-.7540	.4671	1.1062									
.6600	-.7335	.4728	1.0964									
.7000	-.5181	.5328	.9964									
.7500	-.3468	.5806	.9202									
.8000	-.2123	.6181	.8617									
.8500	-.0653	.6591	.7984									
.9237	.1058	.7068	.7247									
.9749	.1779	.7269	.6934									

PT 4.7451 ATM
TT 109.1817 K
RC 20.0460 MILLION
MACH .7692
ALPHA .0539 DEG

GRIT SIZE .0229 MM
GRIT LOC(UPPER) .0600 C
GRIT LOC(LOWER) .0500 C
CN .3407
CM -.0671
CC .0106

CD2 .00967
CD3 .00980
CD4 .00981
CD5 .00985
CD6 .00913

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P _L /PT	MLOC	X/C	CP	P _L /PT	MLOC	X/C	Y/(B/2)	CP	P _L /PT	MLOC
0.0000	1.1397	.9952	.0834	0.0000	1.1397	.9952	.0834	.5000	.7401	-.6226	.5043	1.0430
.0040	.8206	.9063	.3788	.0040	.0506	.6918	.7478	.5000	.5427	-.6344	.5010	1.0485
.0150	.3241	.7680	.6281	.0080	-.1149	.6457	.8188	.5000	.3454	-.6144	.5066	1.0392
.0250	.1295	.7138	.7136	.0262	-.0168	.6730	.7767	.5000	.1480	-.5870	.5142	1.0266
.0400	-.1585	.6336	.8376	.0500	-.0030	.6769	.7708	.5000	-.1480	-.5922	.5128	1.0290
.0600	-.2891	.5972	.8940	.1000	-.0821	.6548	.8047	.5000	-.5427	-.6499	.4967	1.0557
.0800	-.6478	.4973	1.0547	.1500	-.1246	.6430	.8230	.5000	-.7401	-.6449	.4981	1.0533
.1000	-.6068	.5087	1.0357	.2000	-.1655	.6316	.8406					
.1400	-.6629	.4931	1.0617	.2500	-.2126	.6185	.8609					
.1799	-.7469	.4691	1.1025	.3500	-.3504	.5801	.9208					
.2201	-.7850	.4590	1.1199	.4500	-.4656	.5480	.9717					
.2600	-.7745	.4620	1.1148	.5500	-.3454	.5815	.9186					
.3000	-.7755	.4617	1.1153	.6500	-.1230	.6434	.8223					
.3400	-.7830	.4596	1.1190	.7500	.0325	.6868	.7555					
.3801	-.7481	.4693	1.1021	.8000	.0911	.7031	.7303					
.4199	-.6966	.4837	1.0776	.8500	.1395	.7166	.7693					
.4600	-.5976	.5112	1.0315	.9000	.1774	.7271	.6928					
.5000	-.5824	.5155	1.0245	.9500	.1863	.7296	.6890					
.5400	-.6274	.5029	1.0452									
.5799	-.6877	.4861	1.0734									
.6201	-.7439	.4705	1.1061									
.6600	-.7323	.4737	1.0946									
.7000	-.5221	.5323	.9971									
.7500	-.3506	.5801	.9209									
.8000	-.2144	.6180	.8617									
.8500	-.0648	.6597	.7973									
.9237	.1039	.7066	.7248									
.9749	.1770	.7270	.6930									

PT 4.6274 ATM
 TT 107.2813 K
 RC 20.1099 MILLION
 MACH .7719
 ALPHA 1.0285 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .4844
 CM -.0721
 CC .0079

CD2 .01324
 CD3 .01289
 CD4 .01217
 CD5 .01131
 CD6 .00995

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1510	.9982	.0507	0.0000	1.1510	.9982	.0507	.5000	.7401	-.7077	.4800	1.0840
.0040	.6924	.8704	.4515	.0040	.3078	.7631	.6361	.5000	.5427	-.8464	.4413	1.1514
.0150	.1925	.7310	.6870	.0080	.1440	.7175	.7081	.5000	.3454	-.9543	.4112	1.2062
.0250	.0147	.6814	.7640	.0262	.1435	.7173	.7083	.5000	.1480	-.9682	.4074	1.2134
.0400	-.2827	.5985	.8922	.0500	.1213	.7111	.7180	.5000	-.1480	-.9787	.4044	1.2189
.0600	-.3657	.5753	.9284	.1000	.0220	.6834	.7608	.5000	-.5427	-.8436	.4421	1.1500
.0800	-.7256	.4750	1.0925	.1500	-.0341	.6678	.7849	.5000	-.7401	-.7007	.4819	1.0807
.1000	-.7991	.4545	1.1280	.2000	-.0863	.6533	.8074					
.1400	-.8202	.4486	1.1384	.2500	-.1366	.6392	.8290					
.1799	-.8758	.4331	1.1661	.3500	-.2791	.5995	.8906					
.2201	-.8998	.4264	1.1782	.4500	-.3941	.5674	.9410					
.2600	-.8769	.4328	1.1666	.5500	-.3040	.5925	.9014					
.3000	-.8918	.4286	1.1742	.6500	-.0985	.6499	.8126					
.3400	-.9243	.4196	1.1907	.7500	.0489	.6910	.7492					
.3801	-.9022	.4257	1.1794	.8000	.1035	.7062	.7257					
.4199	-.9308	.4178	1.1941	.8500	.1519	.7197	.7047					
.4600	-.9236	.4198	1.1904	.9000	.1883	.7298	.6888					
.5000	-.9694	.4070	1.2140	.9500	.1906	.7305	.6878					
.5400	-.9948	.3999	1.2274									
.5799	-.9292	.4182	1.1932									
.6201	-.6181	.5050	1.0420									
.6600	-.4523	.5512	.9668									
.7000	-.4059	.5641	.9462									
.7500	-.3102	.5908	.9041									
.8000	-.1912	.6240	.8525									
.8500	-.0542	.6622	.7936									
.9237	.1044	.7064	.7253									
.9749	.1778	.7269	.6934									

PT 4.7463 ATM
 TT 109.1934 K
 RC 20.0917 MILLION
 MACH .7721
 ALPHA 1.0306 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .4840
 CM -.0711
 CC .0074

CD2 .01353
 CD3 .01325
 CD4 .01269
 CD5 .01167
 CD6 .01023

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1502	.9980	.0536	0.0000	1.1502	.9980	.0536	.5000	.7401	-.6832	.4866	1.0726
.0040	.6857	.8684	.4550	.0040	.3182	.7659	.6314	.5000	.5427	-.8189	.4488	1.1380
.0150	.1885	.7297	.6888	.0080	.1471	.7182	.7068	.5000	.3454	-.9686	.4070	1.2140
.0250	.0103	.6800	.7659	.0262	.1459	.7179	.7073	.5000	.1480	-.9701	.4066	1.2147
.0400	-.2842	.5979	.8929	.0500	.1231	.7115	.7172	.5000	-.1480	-.9822	.4032	1.2211
.0600	-.3665	.5749	.9289	.1000	.0217	.6832	.7610	.5000	-.5427	-.8482	.4406	1.1525
.0800	-.7320	.4730	1.0958	.1500	-.0345	.6675	.7852	.5000	-.7401	-.6829	.4867	1.0725
.1000	-.8063	.4523	1.1318	.2000	-.0844	.6536	.8066					
.1400	-.8253	.4470	1.1412	.2500	-.1376	.6388	.8295					
.1799	-.8810	.4314	1.1690	.3500	-.2778	.5997	.8901					
.2201	-.9005	.4260	1.1788	.4500	-.3941	.5672	.9411					
.2600	-.8854	.4302	1.1712	.5500	-.3053	.5920	.9021					
.3000	-.8980	.4267	1.1776	.6500	-.0997	.6494	.8132					
.3400	-.9280	.4183	1.1929	.7500	.0482	.6906	.7496					
.3801	-.9100	.4233	1.1837	.8000	.1170	.7098	.7199					
.4199	-.9351	.4163	1.1965	.8500	.1498	.7190	.7056					
.4600	-.9331	.4169	1.1955	.9000	.1861	.7291	.6898					
.5000	-.9702	.4066	1.2148	.9500	.1919	.7307	.6872					
.5400	-.9964	.3992	1.2286									
.5799	-.9066	.4243	1.1820									
.6201	-.5590	.5212	1.0150									
.6600	-.4478	.5523	.9649									
.7000	-.4065	.5638	.9466									
.7500	-.3113	.5903	.9047									
.8000	-.1918	.6237	.8529									
.8500	-.0539	.6621	.7935									
.9237	.1061	.7068	.7246									
.9749	.1788	.7271	.6930									

PT 4.7460 ATM
 TT 109.1604 K
 RC 20.0849 MILLION
 MACH .7711
 ALPHA 1.5237 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .5530
 CM -.0795
 CC .0084

CD2 .01899
 CD3 .01825
 CD4 .01759
 CD5 .01490
 CD6 .01276

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1497	.9976	.0590	0.0000	1.1497	.9976	.0590	.5000	.7401	-.9425	.4119	1.2048
.0040	.6294	.8519	.4857	.0040	.4132	.7914	.5900	.5000	.5427	-.9963	.3968	1.2332
.0150	.1336	.7131	.7147	.0080	.2420	.7435	.6671	.5000	.3454	-1.0635	.3780	1.2697
.0250	-.0368	.6654	.7884	.0262	.2049	.7331	.6835	.5000	.1480	-1.0441	.3834	1.2590
.0400	-.3312	.5830	.9162	.0500	.1720	.7239	.6979	.5000	-.1480	-1.0442	.3834	1.2591
.0600	-.3920	.5660	.9430	.1000	.0605	.6927	.7464	.5000	-.5427	-.9966	.3968	1.2333
.0800	-.7763	.4584	1.1210	.1500	-.0009	.6755	.7729	.5000	-.7401	-.9618	.4065	1.2149
.1000	-.8387	.4409	1.1519	.2000	-.0561	.6600	.7967					
.1400	-.8847	.4281	1.1750	.2500	-.1102	.6449	.8201					
.1799	-.9512	.4095	1.2094	.3500	-.2551	.6043	.8829					
.2201	-.9686	.4046	1.2185	.4500	-.3752	.5707	.9356					
.2600	-.9386	.4130	1.2028	.5500	-.2954	.5930	.9005					
.3000	-.9455	.4111	1.2064	.6500	-.0961	.6488	.8140					
.3400	-.9831	.4005	1.2262	.7500	.0463	.6887	.7525					
.3801	-.9665	.4052	1.2174	.8000	.1462	.7167	.7092					
.4199	-.9930	.3978	1.2314	.8500	.1458	.7165	.7094					
.4600	-.9929	.3978	1.2314	.9000	.1789	.7258	.6949					
.5000	-1.0330	.3865	1.2530	.9500	.1777	.7255	.6954					
.5400	-1.0720	.3756	1.2744									
.5799	-1.0924	.3699	1.2858									
.6201	-.6968	.4247	1.1812									
.6600	-.5058	.5341	.9940									
.7000	-.3837	.5683	.9394									
.7500	-.2693	.6004	.8891									
.8000	-.1601	.6309	.8416									
.8500	-.0471	.6625	.7929									
.9237	.0849	.6995	.7358									
.9749	.1527	.7185	.7063									

PT 4.7461 ATM
 TT 109.0975 K
 RC 20.1066 MILLION
 MACH .7714
 ALPHA 2.0208 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .5940
 CM -.0764
 CC .0089

CD2 .02759
 CD3 .02642
 CD4 .02411
 CD5 .02177
 CD6 .01685

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1491	.9976	.0589	0.0000	1.1491	.9976	.0589	.5000	.7401	-1.0328	.3881	1.2500
.0040	.5547	.8315	.5220	.0040	.5167	.8209	.5404	.5000	.5427	-1.0582	.3810	1.2638
.0150	.0594	.6932	.7456	.0080	.3437	.7726	.6206	.5000	.3454	-1.1263	.3620	1.3018
.0250	-.0977	.6493	.8133	.0262	.2716	.7525	.6529	.5000	.1480	-1.1076	.3672	1.2912
.0400	-.3977	.5655	.9438	.0500	.2264	.7398	.6729	.5000	-.1480	-1.0991	.3696	1.2864
.0600	-.4274	.5572	.9570	.1000	.1061	.7062	.7254	.5000	-.5427	-1.0648	.3792	1.2674
.0800	-.8157	.4487	1.1380	.1500	.0390	.6875	.7544	.5000	-.7401	-1.0287	.3892	1.2478
.1000	-.8847	.4295	1.1725	.2000	-.0202	.6710	.7799					
.1400	-.9368	.4149	1.1992	.2500	-.0780	.6548	.8048					
.1799	-1.0669	.3953	1.2361	.3500	-.2256	.6136	.8685					
.2201	-1.0367	.3870	1.2521	.4500	-.3495	.5790	.9225					
.2600	-1.0151	.3930	1.2404	.5500	-.2853	.5969	.8944					
.3000	-1.0303	.3888	1.2486	.6500	-.0955	.6499	.8123					
.3400	-1.0427	.3853	1.2554	.7500	.0408	.6880	.7536					
.3801	-1.0265	.3899	1.2466	.8000	.0914	.7021	.7317					
.4199	-1.0455	.3846	1.2569	.8500	.1323	.7136	.7140					
.4600	-1.0419	.3856	1.2549	.9000	.1595	.7212	.7022					
.5000	-1.0917	.3716	1.2823	.9500	.1451	.7171	.7084					
.5400	-1.1267	.3619	1.3020									
.5799	-1.0617	.3800	1.2657									
.6201	-.6680	.4900	1.0669									
.6600	-.4666	.5463	.9745									
.7000	-.3703	.5732	.9317									
.7500	-.2588	.6043	.8829									
.8000	-.1597	.6320	.8400									
.8500	-.0723	.6564	.8023									
.9237	.0302	.6850	.7582									
.9749	.0877	.7011	.7333									

PT 4.7454 ATM
 TT 109.0951 K
 RC 20.0789 MILLION
 MACH .7697
 ALPHA 2.5127 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .5981
 CM -.0686
 CC .0104

CD2 .03663
 CD3 .03463
 CD4 .03027
 CD5 .02820
 CD6 .02211

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1482	.9972	.0635	0.0000	1.1482	.9972	.0635	.5000	.7401	-1.0615	.3788	1.2682
.0040	.4934	.8139	.5523	.0040	.5934	.8419	.5037	.5000	.5427	-1.1254	.3609	1.3040
.0150	.0057	.6774	.7700	.0080	.4189	.7931	.5873	.5000	.3454	-1.1698	.3484	1.3297
.0250	-.1449	.6353	.8349	.0262	.3234	.7664	.6307	.5000	.1480	-1.1413	.3564	1.3131
.0400	-.4477	.5505	.9677	.0500	.2688	.7511	.6551	.5000	-.1480	-1.1318	.3591	1.3077
.0600	-.4498	.5499	.9686	.1000	.1391	.7148	.7122	.5000	-.5427	-1.1609	.3509	1.3245
.0800	-.8370	.4416	1.1507	.1500	.0664	.6944	.7437	.5000	-.7401	-1.0693	.3766	1.2726
.1000	-.9115	.4207	1.1885	.2000	.0038	.6769	.7707					
.1400	-.9625	.4064	1.2150	.2500	-.0572	.6598	.7971					
.1799	-1.0478	.3826	1.2607	.3500	-.2093	.6173	.8628					
.2201	-1.0789	.3739	1.2779	.4500	-.3416	.5802	.9206					
.2600	-1.0510	.3817	1.2625	.5500	-.2896	.5948	.8978					
.3000	-1.0596	.3793	1.2672	.6500	-.1061	.6462	.8181					
.3400	-1.0871	.3716	1.2824	.7500	.0246	.6827	.7618					
.3801	-1.0581	.3797	1.2664	.8000	.0713	.6958	.7416					
.4199	-1.0919	.3703	1.2851	.8500	.1062	.7056	.7265					
.4600	-1.0776	.3743	1.2771	.9000	.1264	.7112	.7177					
.5000	-1.1249	.3610	1.3038	.9500	.0860	.6999	.7352					
.5400	-1.0096	.3933	1.2400									
.5799	-.6857	.4839	1.0772									
.6201	-.4947	.5374	.9888									
.6600	-.4665	.5621	.9493									
.7000	-.3440	.5796	.9217									
.7500	-.2570	.6039	.8835									
.8000	-.1853	.6240	.8524									
.8500	-.1239	.6412	.8258									
.9237	-.0547	.6605	.7960									
.9749	-.0111	.6727	.7772									

PT 4.7475 ATM
 TT 109.0816 K
 RC 20.1145 MILLION
 MACH .7712
 ALPHA 3.0036 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .5994
 CM -.0628
 CC .0122

CD2 .04571
 CD3 .04330
 CD4 .03653
 CD5 .03408
 CD6 .02866

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1496	.9975	.0600	0.0000	1.1496	.9975	.0600	.5000	.7401	-1.0840	.3718	1.2821
.0040	.4329	.7967	.5812	.0040	.6613	.8607	.4695	.5000	.5427	-1.1935	.3411	1.3451
.0150	-.0497	.6615	.7945	.0080	.4828	.8107	.5578	.5000	.3454	-1.1852	.3434	1.3402
.0250	-.1888	.6226	.8546	.0262	.3640	.7774	.6128	.5000	.1480	-1.0280	.3875	1.2512
.0400	-.4969	.5362	.9907	.0500	.2980	.7589	.6426	.5000	-.1480	-1.0601	.3785	1.2688
.0600	-.4706	.5436	.9788	.1000	.1673	.7223	.7004	.5000	-.5427	-1.2107	.3363	1.3554
.0800	-.8588	.4349	1.1628	.1500	.0892	.7005	.7344	.5000	-.7401	-1.0906	.3699	1.2857
.1000	-.9337	.4139	1.2011	.2000	.0244	.6823	.7625					
.1400	-.9909	.3978	1.2313	.2500	-.0408	.6640	.7906					
.1799	-1.0883	.3706	1.2845	.3500	-.1959	.6206	.8577					
.2201	-1.1219	.3612	1.3034	.4500	-.3367	.5811	.9192					
.2600	-1.0921	.3695	1.2866	.5500	-.2987	.5918	.9025					
.3000	-1.0994	.3675	1.2907	.6500	-.1190	.6421	.8244					
.3400	-1.1249	.3603	1.3051	.7500	.0087	.6779	.7692					
.3801	-1.0896	.3702	1.2852	.8000	.0526	.6902	.7502					
.4199	-1.1237	.3606	1.3045	.8500	.0806	.6980	.7381					
.4600	-1.1000	.3673	1.2910	.9000	.0958	.7023	.7315					
.5000	-.9680	.4043	1.2191	.9500	.0524	.6901	.7503					
.5400	-.6627	.4898	1.0672									
.5799	-.5157	.5310	.9992									
.6201	-.4389	.5525	.9646									
.6600	-.3865	.5672	.9412									
.7000	-.3390	.5805	.9202									
.7500	-.2752	.5984	.8922									
.8000	-.2252	.6124	.8704									
.8500	-.1859	.6234	.8533									
.9237	-.1238	.6408	.8265									
.9749	-.0904	.6501	.8120									

PT 4.7458 ATM
 TT 109.0900 K
 RC 20.0776 MILLION
 MACH .7694
 ALPHA 3.5184 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6120
 CM -.0583
 CC .0130

CD2 .05258
 CD3 .04701
 CD4 .04311
 CD5 .04054
 CD6 .03577

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1504	.9978	.0560	0.0000	1.1504	.9978	.0560	.5000	.7401	-.9252	.4170	1.1953
.0040	.3661	.7784	.6113	.0040	.7302	.8803	.4322	.5000	.5427	-1.0767	.3746	1.2764
.0150	-.1120	.6446	.8206	.0080	.5537	.8309	.5232	.5000	.3454	-.8965	.4251	1.1806
.0250	-.2383	.6092	.8753	.0262	.4139	.7917	.5895	.5000	.1480	-.7034	.4791	1.0854
.0400	-.5536	.5210	1.0154	.0500	.3429	.7719	.6219	.5000	-.1480	-.8325	.4430	1.1483
.0600	-.4959	.5371	.9892	.1000	.2019	.7324	.6846	.5000	-.5427	-1.1843	.3445	1.3380
.0800	-.8740	.4313	1.1691	.1500	.1207	.7097	.7200	.5000	-.7401	-1.0364	.3859	1.2542
.1000	-.9609	.4070	1.2139	.2000	.0501	.6899	.7506					
.1400	-1.0336	.3867	1.2527	.2500	-.0161	.6714	.7792					
.1799	-1.1219	.3620	1.3018	.3500	-.1784	.6260	.8493					
.2201	-1.1598	.3514	1.3235	.4500	-.3244	.5851	.9129					
.2600	-1.1293	.3599	1.3060	.5500	-.2952	.5933	.9001					
.3000	-1.1382	.3574	1.3111	.6500	-.1237	.6413	.8257					
.3400	-1.1702	.3485	1.3296	.7500	-.0030	.6751	.7736					
.3801	-1.1315	.3593	1.3072	.8000	.0383	.6866	.7557					
.4199	-1.1483	.3546	1.3169	.8500	.0659	.6944	.7438					
.4600	-1.0036	.3951	1.2365	.9000	.0776	.6976	.7387					
.5000	-.7084	.4777	1.0878	.9500	.0272	.6835	.7605					
.5400	-.5395	.5250	1.0090									
.5799	-.4902	.5387	.9866									
.6201	-.4334	.5546	.9611									
.6600	-.3880	.5673	.9409									
.7000	-.3480	.5785	.9233									
.7500	-.2936	.5937	.8994									
.8000	-.2481	.6065	.8795									
.8500	-.2142	.6160	.8648									
.9237	-.1634	.6302	.8428									
.9749	-.1263	.6406	.8268									

PT 4.7453 ATM
 TT 109.0534 K
 RC 20.1095 MILLION
 MACH .7710
 ALPHA 4.0057 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6238
 CM -.0543
 CC .0129

CD2 .05771
 CD3 .05801
 CD4 .05683
 CD5 .05087
 CD6 .04397

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1471	.9969	.0669	0.0000	1.1471	.9969	.0669	.5000	.7401	-.7321	.4711	1.0991
.0040	.2964	.7589	.6427	.0040	.7875	.8963	.4000	.5000	.5427	-.7892	.4551	1.1268
.0150	-.1741	.6272	.8473	.0080	.6115	.8470	.4945	.5000	.3454	-.6908	.4827	1.0793
.0250	-.2890	.5951	.8973	.0262	.4536	.8029	.5710	.5000	.1480	-.6160	.5036	1.0442
.0400	-.6145	.5040	1.0435	.0500	.3781	.7817	.6059	.5000	-.1480	-.6242	.5013	1.0480
.0600	-.6885	.4833	1.0782	.1000	.2301	.7403	.6721	.5000	-.5427	-.8438	.4399	1.1538
.0800	-.8699	.4325	1.1670	.1500	.1446	.7164	.7096	.5000	-.7401	-.8682	.4330	1.1661
.1000	-.9757	.4029	1.2216	.2000	.0713	.6959	.7414					
.1400	-1.0675	.3773	1.2712	.2500	.0027	.6767	.7711					
.1799	-1.1513	.3538	1.3185	.3500	-.1630	.6303	.8425					
.2201	-1.1903	.3429	1.3413	.4500	-.3140	.5881	.9082					
.2600	-1.1573	.3521	1.3220	.5500	-.2954	.5933	.9001					
.3000	-1.1701	.3485	1.3294	.6500	-.1307	.6394	.8286					
.3400	-1.2070	.3382	1.3513	.7500	-.0146	.6719	.7785					
.3801	-1.1505	.3540	1.3180	.8000	.0242	.6827	.7618					
.4199	-1.0706	.3764	1.2729	.8500	.0507	.6901	.7503					
.4600	-.7857	.4561	1.1251	.9000	.0592	.6925	.7467					
.5000	-.6073	.5060	1.0401	.9500	.0044	.6772	.7703					
.5400	-.5260	.5288	1.0028									
.5799	-.4847	.5403	.9841									
.6201	-.4398	.5529	.9639									
.6600	-.3970	.5649	.9449									
.7000	-.3593	.5754	.9282									
.7500	-.3098	.5893	.9064									
.8000	-.2707	.6002	.8893									
.8500	-.2340	.6105	.8733									
.9237	-.1974	.6207	.8575									
.9749	-.1589	.6315	.8408									

PT 4.7453 ATM
 TT 109.0456 K
 RC 20.1147 MILLION
 MACH .7712
 ALPHA 4.5255 DEG

GRIT SIZE .0229 MM
 GRIT LOC(UPPER) .0600 C
 GRIT LOC(LOWER) .0500 C
 CN .6263
 CM -.0509
 CC .0141

CD2 .06411
 CD3 .06870
 CD4 .06755
 CD5 .06112
 CD6 .05492

UPPER SURFACE				LOWER SURFACE				SPANWISE				
X/C	CP	P,L/PT	MLOC	X/C	CP	P,L/PT	MLOC	X/C	Y/(B/2)	CP	P,L/PT	MLOC
0.0000	1.1399	.9948	.0866	0.0000	1.1399	.9948	.0866	.5000	.7401	-.6055	.5060	1.0402
.0040	.2318	.7405	.6719	.0040	.8385	.9104	.3699	.5000	.5427	-.6508	.4933	1.0614
.0150	-.2328	.6103	.8735	.0080	.6650	.8618	.4675	.5000	.3454	-.6160	.5030	1.0451
.0250	-.3328	.5823	.9173	.0262	.4883	.8123	.5551	.5000	.1480	-.5717	.5154	1.0246
.0400	-.6670	.4887	1.0690	.0500	.4051	.7890	.5939	.5000	-.1480	-.5545	.5203	1.0167
.0600	-.7939	.4532	1.1302	.1000	.2553	.7471	.6615	.5000	-.5427	-.6542	.4923	1.0630
.0800	-.9166	.4188	1.1920	.1500	.1649	.7217	.7013	.5000	-.7401	-.6879	.4829	1.0789
.1000	-.9798	.4011	1.2250	.2000	.0889	.7005	.7344					
.1400	-1.0899	.3703	1.2850	.2500	.0167	.6802	.7656					
.1799	-1.1782	.3456	1.3357	.3500	-.1531	.6327	.8389					
.2201	-1.2100	.3366	1.3546	.4500	-.3124	.5881	.9083					
.2600	-1.1794	.3452	1.3364	.5500	-.3059	.5899	.9054					
.3000	-1.2005	.3393	1.3489	.6500	-.1442	.6352	.8351					
.3400	-1.2270	.3319	1.3649	.7500	-.0305	.6670	.7860					
.3801	-1.0963	.3685	1.2886	.8000	.0061	.6773	.7702					
.4199	-.8435	.4393	1.1548	.8500	.0302	.6840	.7598					
.4600	-.6336	.4981	1.0533	.9000	.0357	.6855	.7574					
.5000	-.5644	.5175	1.0212	.9500	-.0245	.6687	.7834					
.5400	-.5186	.5303	1.0003									
.5799	-.4832	.5402	.9842									
.6201	-.4439	.5512	.9666									
.6600	-.4086	.5611	.9508									
.7000	-.3733	.5710	.9352									
.7500	-.3324	.5824	.9171									
.8000	-.3014	.5911	.9035									
.8500	-.2728	.5991	.8910									
.9237	-.2419	.6078	.8775									
.9749	-.2056	.6180	.8617									

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16. Abstract Wind tunnel tests of an advanced technology airfoil, the CAST 10-2/DOA 2, been conducted in the Langley 0.3-Meter Transonic Cryogenic Tunnel (0.3-m TCT). This was the third of a series of tests conducted in a cooperative airfoil research program between the National Aeronautics and Space Administration (NASA) and the Deutsche Forschungs- und Versuchsanstalt für Luft- und Raumfahrt e. V. (DFVLR). During the first series of tests in this cooperative effort, data were obtained on a 15.24 cm chord model of the CAST 10-2/DOA 2 airfoil. For these tests, temperature was varied from 270 K to 110 K at pressures from 1.5 to 5.75 atmospheres. Mach number was varied from 0.60 to 0.80, and the Reynolds number (based on airfoil chord) was varied from 2 to 20 million. The purpose of this report is to present, without analysis, the aerodynamic data for the 7.62 cm chord airfoil model used in these tests. This report also includes descriptions of the 0.3-m TCT, the airfoil model, the test instrumentation, and the testing procedures.					
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